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OM nucleic - nucleic search, using sw model

Run on: November 10, 2005, 07:47:55 ; Search time 192 Seconds
(without alignments)
11735.172 Million cell updates/sec

Title: US-10-009-852-15

Perfect score: 1377

Sequence: 1 atggtcagctactgggacac.....ccctgtctccgggtaaatga 1377

Scoring table: IDENTITY NUC

Gapop 10_0 , Gapext 1.0

Searched: 1202784 seqs, 818138359 residues

Total number of hits satisfying chosen parameters: 2405568

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents NA.*

- 1: /cgn2_6/prodata/1/ina/5A COMB.seq.*
- 2: /cgn2_6/prodata/1/ina/5B COMB.seq.*
- 3: /cgn2_6/prodata/1/ina/6A COMB.seq.*
- 4: /cgn2_6/prodata/1/ina/6B COMB.seq.*
- 5: /cgn2_6/prodata/1/ina/PCUS COMB.seq.*
- 6: /cgn2_6/prodata/1/ina/backfiles1.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match %	Length	DB ID	Description
1	1377	100.0	1377	4	US-09-773-877B-25
2	1328.4	96.5	1453	4	US-09-773-877B-21
3	1049.2	76.2	1444	4	US-09-773-877B-23
4	1039	75.5	1359	4	US-09-773-877B-15
5	1032.4	75.0	1389	4	US-09-773-877B-17
6	987.4	71.7	1674	4	US-09-773-877B-13
7	982.4	71.3	1704	4	US-09-773-877B-19
8	980.8	71.2	1704	4	US-09-773-877B-11
9	686	49.8	2043	3	US-08-227-496C-14
10	684	49.7	705	4	US-09-023-655-1223
11	684	49.7	1019	3	US-09-178-869-1
12	684	49.7	1019	4	US-09-761-413-1
13	684	49.7	1182	3	US-09-180-100-18
14	684	49.7	1428	1	US-08-488-376-19
15	684	49.7	1428	2	US-08-634-223-19
16	684	49.7	1428	2	US-08-634-224-19
17	684	49.7	1428	2	US-08-634-400-19
18	684	49.7	1428	2	US-08-635-878-19
19	684	49.7	1428	2	US-08-770-057-19
20	684	49.7	1428	3	US-09-335-697B-19
21	684	49.7	1428	3	US-09-335-697B-19
22	684	49.7	1428	4	US-09-740-002-19
23	684	49.7	1431	3	US-08-487-550-3
24	684	49.7	1431	3	US-08-487-550-11
25	684	49.7	1431	3	US-09-526-098-3
26	684	49.7	1431	4	US-09-526-098-11
27	684	49.7	1431	4	US-09-383-916-3

28	684	49.7	1431	4	US-09-383-916-11	Sequence 11, Appl
29	684	49.7	1437	3	US-08-487-550-7	Sequence 7, Appl
30	684	49.7	1437	4	US-09-526-098-7	Sequence 7, Appl
31	684	49.7	1437	4	US-09-383-916-7	Sequence 7, Appl
32	684	49.7	1458	4	US-08-030-175-6	Sequence 6, Appl
33	684	49.7	1458	4	US-08-030-175-7	Sequence 7, Appl
34	684	49.7	1467	4	US-08-030-175-5	Sequence 5, Appl
35	684	49.7	1494	4	US-09-499-846-5	Sequence 3, Appl
36	684	49.7	1578	4	US-09-499-846-3	Sequence 1120, Ap
37	684	49.7	1599	4	US-09-023-655-1120	Sequence 9, Appl
38	684	49.7	1617	2	US-08-378-939-9	Sequence 52, Appl
39	684	49.7	1720	4	US-09-746-359A-52	Sequence 1, Appl
40	684	49.7	1869	4	US-09-499-846-1	Sequence 25, Appl
41	684	49.7	3477	4	US-09-313-942-25	Sequence 23, Appl
42	684	49.7	3507	4	US-09-313-942-23	Sequence 3, Appl
43	684	49.7	9209	1	US-08-149-099C-3	Sequence 2, Appl
44	684	49.7	9209	1	US-08-476-275-2	Sequence 3, Appl
45	684	49.7	9209	2	US-08-478-967A-3	Sequence 3, Appl

ALIGNMENTS

RESULT 1
US-09-773-877B-25
; Sequence 25, Application US/09773877B
; Patent No. 6833349
; GENERAL INFORMATION:
; APPLICANT: Xia, Yu-Ping et al.
; TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES
; FILE REFERENCE: REG 710b
; CURRENT APPLICATION NUMBER: US/09/773,877B
; CURRENT FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 25
; LENGTH: 1377
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: VEGFR1R2.FcdeltaCl(a) Receptor
; NAME/KEY: CDS
; LOCATION: (1)..(1377)
US-09-773-877B-25

Query Match 100.0%; Score 1377; DB 4; Length 1377;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1377; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY	1	ATGGTCAGCTACTGGGACACCGGGTCTCTGTGTGGCGCTGCTCAGCTGTCTGCTTCTC	60
Db	1	ATGGTCAGCTACTGGGACACCGGGTCTCTGTGTGGCGCTGCTCAGCTGTCTGCTTCTC	60
QY	61	ACAGATCTAGTTCGGGAAGTATACCGGTAGACCTTTCGTAGAGATGTACAGTGAATC	120
Db	61	ACAGATCTAGTTCGGGAAGTATACCGGTAGACCTTTCGTAGAGATGTACAGTGAATC	120
QY	121	CCGAAATTTATACATGATCTCAAGAGGGAGCTCGTCAATCCCTGCCGGTTAGCTCA	180
Db	121	CCGAAATTTATACATGATCTCAAGAGGGAGCTCGTCAATCCCTGCCGGTTAGCTCA	180
QY	181	CCTAACATCACTGTTTACTTTTAAAAAAGTTTCCACTTTGATCCCTGATGAAAA	240
Db	181	CCTAACATCACTGTTTACTTTTAAAAAAGTTTCCACTTTGATCCCTGATGAAAA	240
QY	241	CGCATAATCTGGGACAGTAGAAGGCTTCATCATATCAAAATGCAACGTCACAAAGAA	300
Db	241	CGCATAATCTGGGACAGTAGAAGGCTTCATCATATCAAAATGCAACGTCACAAAGAA	300
QY	301	GGGCTTCTGACCTGTGAGCAACAGTCAATGGGCATTTGTATAAGCAAACTATCTCACA	360
Db	301	GGGCTTCTGACCTGTGAGCAACAGTCAATGGGCATTTGTATAAGCAAACTATCTCACA	360

361	Qy	CATCGNCAACCAATACAACTCATGATGTGGTCTTGAGTCCGTCCTCATCGAATTGAACCTA	420
361	Db	CATCGCAAAACCAATACAACTCATGATGTGGTCTTGAGTCCGTCCTCATGGAATTGAACCTA	420
421	Qy	TCGTGTTGGAGAAAAGCGTTGTCTTAAATTGTACACGAAGAACTGAACCTAAATGTGGGGATT	480
421	Db	TCGTGTTGGAGAAAAGCGTTGTCTTAAATTGTACACGAAGAACTGAACCTAAATGTGGGGATT	480
481	Qy	GACTTCAACTGGGAATACCCCTTCTTCGAAGCATCAGCATAAAGAAACTTGTAAACCGAGAC	540
481	Db	GACTTCAACTGGGAATACCCCTTCTTCGAAGCATCAGCATAAAGAAACTTGTAAACCGAGAC	540
541	Qy	CTAAAAACCCAGTCTGGGAGTGAGATGAAGAAAATTTTTTGAGCACCTTAACTATAGATGCT	600
541	Db	CTAAAAACCCAGTCTGGGAGTGAGATGAAGAAAATTTTTTGAGCACCTTAACTATAGATGCT	600
601	Qy	GTAAACCCGGAGTGACCAAGGATTGTACACCTGTGCAGCATCCAGTGGGCTGTAGACCAAG	660
601	Db	GTAAACCCGGAGTGACCAAGGATTGTACACCTGTGCAGCATCCAGTGGGCTGTAGACCAAG	660
661	Qy	AAGAACCGACACTTTGTCTCAGGGTCCATGAAGAAGACAAAACCTCACACATGCCACCGTGC	720
661	Db	AAGAACCGACACTTTGTCTCAGGGTCCATGAAGAAGACAAAACCTCACACATGCCACCGTGC	720
721	Qy	CCAGCAGCTGAACCTCTGGGGGACCGTCAGTCTTCTCTTCCGCCGAAAAACCAAGGAC	780
721	Db	CCAGCAGCTGAACCTCTGGGGGACCGTCAGTCTTCTCTTCCGCCGAAAAACCAAGGAC	780
781	Qy	ACCTCATGATCTCCCGGACCCCTGAGGTACATGCGTGTGTGTGAGCGTAGAGCACACGAA	840
781	Db	ACCTCATGATCTCCCGGACCCCTGAGGTACATGCGTGTGTGTGAGCGTAGAGCACACGAA	840
841	Qy	GACCTGTAGGTCAAGTTCAACTGTGTACGTGGAACGGCGTGAGGTGCATTAATGCCAAGACA	900
841	Db	GACCTGTAGGTCAAGTTCAACTGTGTACGTGGAACGGCGTGAGGTGCATTAATGCCAAGACA	900
901	Qy	AAGCCGCGGGAGGACAGTACAACACGACCGTACCGTGTGTGTGAGCGTCTCTCACCGTCTTG	960
901	Db	AAGCCGCGGGAGGACAGTACAACACGACCGTACCGTGTGTGTGAGCGTCTCTCACCGTCTTG	960
961	Qy	CACCAAGGACTGGCTGAAATGGCAAGAGGTACAAGTGCAAAGGTCTTCCAAACAAAGCCCTCCCA	1020
961	Db	CACCAAGGACTGGCTGAAATGGCAAGAGGTACAAGTGCAAAGGTCTTCCAAACAAAGCCCTCCCA	1020
1021	Qy	GCCCCCATCGAGAAAAACCATCTCCAAAGCCAAAAGGGCAGCCCCCGAGAACACACAGGTGTAC	1080
1021	Db	GCCCCCATCGAGAAAAACCATCTCCAAAGCCAAAAGGGCAGCCCCCGAGAACACACAGGTGTAC	1080
1081	Qy	ACCTTGCCCCCATCCCGGGATGAGCTGACCAAGAACACAGGTACAGCTGACCTGCCTGTGTC	1140
1081	Db	ACCTTGCCCCCATCCCGGGATGAGCTGACCAAGAACACAGGTACAGCTGACCTGCCTGTGTC	1140
1141	Qy	AAAGGCTTCTATCCAGCGCATCGCGTGGAGTGGGAGAGAAATGGGCGCGGGAGAC	1200
1141	Db	AAAGGCTTCTATCCAGCGCATCGCGTGGAGTGGGAGAGAAATGGGCGCGGGAGAC	1200
1201	Qy	AACTACAAGACACGCGCTCCCGTGTGAGCTGACCAAGAACCAAGTACAGCTGACCTGCCTGGTC	1260
1201	Db	AACTACAAGACACGCGCTCCCGTGTGAGCTGACCAAGAACCAAGTACAGCTGACCTGCCTGGTC	1260
1261	Qy	CTCACCGTGGACAAGACGAGGTGGCAGACGGGAAACGTCTTCTCATGCTCCGCTGATGCAT	1320
1261	Db	CTCACCGTGGACAAGACGAGGTGGCAGACGGGAAACGTCTTCTCATGCTCCGCTGATGCAT	1320
1321	Qy	GAGGCTCTGCAACAACCACTACACGACAGAGCCCTCTCCCTGTCTCCGGGTAAATGA	1377
1321	Db	GAGGCTCTGCAACAACCACTACACGACAGAGCCCTCTCCCTGTCTCCGGGTAAATGA	1377

RESULT 2

US-09-773-877B-21

US-09-773-B-21
: Sequence 21. Application US/09773877B

Sequence Z1, Applicant
Patent No. 6833349

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; GENERAL INFORMATION:
; APPLICANT: Xia, Yu-ping et al.
; TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES
; FILE REFERENCE: REG 710B
; CURRENT APPLICATION NUMBER: US/09/773,877B
; CURRENT FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 21
; LENGTH: 1453
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Flt1d2.Fltk1d3.Fcdeltacl(a) Receptor
; NAME/KEY: CDS
; LOCATION: (69)..(1442)
US-09-773-877B-21

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Query Match	96.5%;	Score 1328.4;	DB 4;	Length 1453;
Best Local Similarity	98.6%;	Pred. No. 0;		
Matches 1367;	Conservative 0;	Mismatches 1;	Indels 18;	Gaps 21
QY	1	ATGFTCAGCTACTCGGACACCGGGGTCCTGCTGTGCGCGCTGCTCAGCTGCTGCTTTC	60	
Db	69	ATGFTCAGCTACTCGGACACCGGGGTCCTGCTGTGCGCGCTGCTCAGCTGCTGCTTTC	128	
QY	61	ACAGGACTGAGTTCGGGAAGTGATACCGGTAGACCTTTTCGTAGAGATGTACAGTGAATC	120	
Db	129	ACAGGACTGAGTTCGGGA-----GGTAGACCTTTTCGTAGAGATGTACAGTGAATC	179	
QY	121	CCCGAAATTTATACACATGACTGAAGGAAGGAGCTCGTCATTTCCCTGCCGGGTACGTCA	180	
Db	180	CCCGAAATTTATACACATGACTGAAGGAAGGAGCTCGTCATTTCCCTGCCGGGTACGTCA	239	
QY	181	CCTAACATCACTGTTACTTTAAAAAAGTTTCACCTTTGACACTTCGATCCCTGATGGAAAA	240	
Db	240	CCTAACATCACTGTTACTTTAAAAAAGTTTCACCTTTGACACTTCGATCCCTGATGGAAAA	299	
QY	241	CGCATATCTGGGACGTGAGAGGGCTTCATCATATCAATCAATGCAACGTACAAAGAAATA	300	
Db	300	CGCATATCTGGGACGTGAGAGGGCTTCATCATATCAATCAATGCAACGTACAAAGAAATA	359	
QY	301	GGGCTTTCGACTGTGAAGCAAACAGTCAATGGGCATTTGTATAGAACAACATCTCTACA	360	
Db	360	GGGCTTTCGACTGTGAAGCAAACAGTCAATGGGCATTTGTATAGAACAACATCTCTACA	419	
QY	361	CATGCACAAACCAATCAAACTATAGATGTGGTTCTGAGTCCGCTCTCATGGAAATGAACATA	420	
Db	420	CATGCACAAACCAATCAAACTATAGATGTGGTTCTGAGTCCGCTCTCATGGAAATGAACATA	479	
QY	421	TCGTGTGGAGAAAAAGCTTGTCTAAATTTGTACAGCAAGAACTGAACTAAATGTGGGGATT	480	
Db	480	TCGTGTGGAGAAAAAGCTTGTCTAAATTTGTACAGCAAGAACTGAACTAAATGTGGGGATT	539	
QY	481	GACTTCAACTGGGAATACCTCTTCGAGAGCATCAGCATAGAAGAACTTGTAACCCGAGAC	540	
Db	540	GACTTCAACTGGGAATACCTCTTCGAGAGCATCAGCATAGAAGAACTTGTAACCCGAGAC	599	
QY	541	CTAAAAACCCAGTCTGGGAGTGAGATGAAGAAATTTTGGACCACTTAACTATAGATGGT	600	
Db	600	CTAAAAACCCAGTCTGGGAGTGAGATGAAGAAATTTTGGACCACTTAACTATAGATGGT	659	
QY	601	GTAAACCCGGAGTGACCAAGGATTTGTACCTGTGACAGCATCCAGTGGGCTGATGCCAAG	660	
Db	660	GTAAACCCGGAGTGACCAAGGATTTGTACCTGTGACAGCATCCAGTGGGCTGATGCCAAG	719	
QY	661	AAGAACAGCATTTGTTCAGGGTCCATGAAAAG-----GACAAAACCTCACACATGC	711	
Db	720	AAGAACAGCATTTGTTCAGGGTCCATGAAAAGGGCCCGGGCGACAAAACCTCACACATGC	779	
QY	712	CCACCGTCCCGACGACCTGAACTCTCTGGGGGACCGGTCACTTCTCTCTCCCCCCTCAAAA	771	
Db	780	CCACCGTCCCGACGACCTGAACTCTCTGGGGGACCGGTCACTTCTCTCTCCCCCCTCAAAA	839	

QY	772	CCCAAGGACACCCTCATGATCTCCCGGACCCCTCAGGTCAATCGTGGTGAGCGT	831
Db	840	CCCAAGGACACCCTCATGATCTCCCGGACCCCTCAGGTCAATCGTGGTGAGCGT	899
QY	832	AGCCAGAGACCCCTGAGGTCAAAGTTCAACTGTTACGTGGACGGGTGGAGGTGCATAAT	891
Db	900	AGCCAGAAAGACCCCTGAGGTCAAGTTCAACTGGTACGTGGACGGGTGGAGGTGCATAAT	959
QY	892	GCCAAGACAAAAGCCCGGGAGGAGCAGTACAACAGCACGTACCCGTGGTTCAGCGTCCCTC	951
Db	960	GCCAAGACAAAGCCCGGGAGGAGCAGTACAACAGCACGTACCCGTGGTTCAGCGTCCCTC	1019
QY	952	ACCGTCTTGCAACAGGACTTGGCTGAATGGCAAGGAGTCAAAGTGCAGAGTCTCCAAAAA	1011
Db	1020	ACCGTCTTGCAACAGGACTTGGCTGAATGGCAAGGAGTCAAAGTGCAGAGTCTCCAAAAA	1079
QY	1012	GCCCTCCCAGCCCCCATCGAGNAACCAATCTCCAAGCCAAAGGGCAGCCCCGAGAACCA	1071
Db	1080	GCCCTCCCAGCCCCCATCGAGNAAAACCAATCTCCAAGCCAAAGGGCAGCCCCGAGAACCA	1139
QY	1072	CAGGTGTACACCTGCCCCCATCCCGGGATGAGCTGACCAAGAACCAGGTCAGCCTGACC	1131
Db	1140	CAGGTGTACACCTGCCCCCATCCCGGGATGAGCTGACCAAGAACCAGGTCAGCCTGACC	1199
QY	1132	TGCCTGGTCAAAGGCTTCTATCCAGCACATCGCCGTGGAGTGGGAGCAATGGGCAG	1191
Db	1200	TGCCTGGTCAAAGGCTTCTATCCAGCACATCGCCGTGGAGTGGGAGCAATGGGCAG	1259
QY	1192	CCGGAGAACAACTACAAGACACGCTCCCGTGTGAGTCCGAGAGGTCCTTCTTCCTC	1251
Db	1260	CCGGAGAACAACTACAAGACACGCTCCCGTGTGAGTCCGAGAGGTCCTTCTTCCTC	1319
QY	1252	TACAGCAAGCTCACCGTGGACAAGAGCAGGTGGCAGCAGGGGAACGCTCTTCATGCTCC	1311
Db	1320	TATAGCAGCTCACCGTGGACAAGAGCAGGTGGCAGCAGGGGAACGCTCTTCATGCTCC	1379
QY	1312	GTGATGATGAGGCTCTGCACAAACCATTACACGAGAGGCTCTCCCTGTCTCCGGGT	1371
Db	1380	GTGATGATGAGGCTCTGCACAAACCATTACACGAGAGGCTCTCCCTGTCTCCGGGT	1439
QY	1372	AAATGA 1377	
Db	1440	AAATGA 1445	

RESULT 3

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US-09-773-877B-23
; Sequence 23, Application US/09773877B
; Patent No. 6833349
; GENERAL INFORMATION:
; APPLICANT: Xia, Yu-Ping et al.
; TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES
; FILE REFERENCE: REG 710b
; CURRENT APPLICATION NUMBER: US/09/773,877B
; CURRENT FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 23
; LENGTH: 1444
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Flc1D2.VEGFR3D3.FcdeltaC1(a)Receptor
; NAME/KEY: CDS
; LOCATION: (69)..(1436)
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US-09-773-877B-23

Query Match	76.2%	Score 1049.2;	DB 4;	Length 1444;
Best Local Similarity	86.7%	Pred. No. 6.7e-271;		
Matches 1201;	Conservative	0;	Mismatches 156;	Indels 27; Gaps 3;

QY 1 ATGGTCAGCTACTGGGACACCGGGGTCTGCTGTGCGCGTCTGCTCAGCTGTCTGCTTCTC 60

Db 1131 CAGGTGTACACCTGCCCCATCCCGGATGAGTGCACCAAGAACCCAGGTGACCTGACC 1190
Qy 1132 TGCCTGGTCAAAAGGCTTCTATCCAGCGACATCCCGTGGAGTGGGAGAGCAATGGCGAG 1191
Db 1191 TGCCTGGTCAAAAGGCTTCTATCCAGCGACATCCCGTGGAGTGGGAGAGCAATGGCGAG 1250
Qy 1192 CCGAGAAACAATAACAAGACCAAGCCCTCCCGTGGTGGACTCCGAGCGGCTCTTCTTCCTC 1251
Db 1251 CCGAGAAACAATAACAAGACCAAGCCCTCCCGTGGTGGACTCCGAGCGGCTCTTCTTCCTC 1310
Qy 1252 TACAGCAAGCTCACCGTGGACAGAGCAGGTGGCAGCGGGAAAGCTCTCTCATGCTCC 1311
Db 1311 TATAGCAAGCTCACCGTGGACAGAGCAGGTGGCAGCGGGAAAGCTCTCTCATGCTCC 1370
Qy 1312 GTGATGATGAGGCTCTGCAACACCACTACACGAGAGGCTCTCCGCTCTCCGGGT 1371
Db 1371 GTGATGATGAGGCTCTGCAACACCACTACACGAGAGGCTCTCCCTGTCTCCGGGT 1430
Qy 1372 AAATGA 1377
Db 1431 AAATGA 1436

RESULT 4
US-09-773-877B-15
; Sequence 15, Application US/09773877B
; Patent No. 6833349
; GENERAL INFORMATION:
; APPLICANT: Xia, Yu-Ping et al.
; TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES
; FILE REFERENCE: REG 710b
; CURRENT APPLICATION NUMBER: US/09/773,877B
; CURRENT FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 15
; LENGTH: 1359
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Ftl1(2-3 delta)-Fc (Mut2)
; NAME/KEY: CDS
; LOCATION: (1)..(1359)
US-09-773-877B-15

Query Match 75.5%; Score 1039; DB 4; Length 1359;
Best Local Similarity 86.3%; Pred.No.3.5e-268;
Matches 1189; Conservative 0; Mismatches 170; Indels 18; Gaps 3;
Qy 1 ATGCTCAGCTACTGGGACACCGGGTCTCTGTGCGCGCTGCTCAGCTGTCTGCTTCTC 60
Db 1 ATGCTCAGCTACTGGGACACCGGGTCTCTGTGCGCGCTGCTCAGCTGTCTGCTTCTC 60
Qy 61 ACAGGATCTAGTTCGGGAAGTGATACCGGTAGACCTTTTGGTAGAGATGTACAGTGAATC 120
Db 61 ACAGGATCTAGTTCGGGA-----GGTAGACCTTTTGGTAGAGATGTACAGTGAATC 111
Qy 121 CCCGAATTATACACATGACTGAAGGAAGGAGCTCGTCAATCCCTGCGGGTTACGTCA 180
Db 112 CCCGAATTATACACATGACTGAAGGAAGGAGCTCGTCAATCCCTGCGGGTTACGTCA 171
Qy 181 CCTACATCACTGTACTTTTAAAGAGTTTCAGTTGACATTTTCCCTGATGGGAAA 240
Db 172 CCTACATCACTGTACTTTTAAAGAGTTTCCACTTGACACTTTGATCCCTGATGGAAA 231
Qy 241 CGCATATCTGGGACAGTAGAAGGGCTTCATCATATCAAAATGCAACGTACAAAGATA 300
Db 232 CGCATATCTGGGACAGTAGAAGGGCTTCATCATATCAAAATGCAACGTACAAAGATA 291
Qy 301 GGGCTTCTGACCTCTGAAGCAACAGTCAATGGGCATTTTGTATAAGACAAACTATCTCA 360
Db 292 GGGCTTCTGACCTCTGAAGCAACAGTCAATGGGCATTTTGTATAAGACAAACTATCTCA 351

RESULT 5
US-09-773-877B-17
; Sequence 17, Application US/09773877B
; Patent No. 6833349

Qy 361 CATCGACAAACCAATACATAGATGTGGTTCGTGAGTCCGTCTCATGGAATTGAACATA 420
Db 352 CATCGACAAACCAATACATAGATGTCCAATAAGCACACACGCCCGAGTCAAAATTA 411
Qy 421 TCTGTTGGAGAAAAGCTGTCTTAAATTTGTACAGCAAGAACTGAACTAAATGTGGGGATT 480
Db 412 CTTAGAGGCCATACCTCTTGTCTCAATTTGTACTGCTACCACTCCCTTGAACAGAGATT 471
Qy 481 GACTTCAACTGGGAATACCCCTTCTTCAAGCATCAGCATAGAATACTTGTAAACCCGAGAC 540
Db 472 CAAATGACCTGGAGTTACCTGATGAATTTGACCAAGCAATTTCCCATGCCAACAATTC 531
Qy 541 CTAAAAAACCAGTCTGGGAGTGAGATGAAGAAATTTTGGAGCACTTAAGTATAGATGT 600
Db 532 TACAGTGTCTTACTATTTGACAAAATTCAGAAACAAAGACAAAGACTTTATATCTTCGT 591
Qy 601 GTAACCCGAGTAGCAAGGATTTGACACCTGTGACGATCCAGTGGGTGATGACCAAG 660
Db 592 GTAA---GGAGTGGACCATCAATCAATCTGTAAACACCTC-----AGTGCATATATAT 642
Qy 661 AAGAACAGCACATTTGTTCAGGGTCCATGAAGAACAAAACTCACACATGCCACCCTGTC 720
Db 643 GATAAGCAGGCCCGGGCGAGCCCAAAATCTTGTGACAAAACTCACACATGCCACCCTGTC 702
Qy 721 CCAGCACCTGAACCTCTGGGGGGACCCGTCACTCTTCTTCCCTCCCAAAACCCAAAGGAC 780
Db 703 CCAGCACCTGAACCTCTGGGGGGACCCGTCACTCTTCTTCCCTCCCAAAACCCAAAGGAC 762
Qy 781 ACCCTCATGATCTCCCGGACCCCTGAGTCAATGCGTGGTGGTGGTGGTGGTGGTGGTGG 840
Db 763 ACCCTCATGATCTCCCGGACCCCTGAGTCAATGCGTGGTGGTGGTGGTGGTGGTGGTGG 822
Qy 841 GACCTGTGAGGTCAAGTTCAACTGTGTCAGTGGCGGTGGAGGTGATGATGATGATGATGAT 900
Db 823 GACCTGTGAGGTCAAGTTCAACTGTGTCAGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGG 882
Qy 901 AAGCCGCGGAGGAGCAGTCAACAGCAGCTGCGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGG 960
Db 883 AAGCCGCGGAGGAGCAGTCAACAGCAGCTGCGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGG 942
Qy 961 CACAGGACTGGTGAATGGCAAGGATGACAGTGCAGAGTCTCCAAAGCCCTCCCA 1020
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Db 1003 GCCCCATCGAGAAAAACATCTCCAAAGCCAAAGGGCAGCCCGAGAACCAACAGGTGTATC 1062
Qy 1081 ACCCTGCCCCCATCCCGGATGAGCTGACCAAGAACCCAGGTGAGCTGACCTGCTGGTTC 1140
Db 1063 ACCCTGCCCCCATCCCGGATGAGCTGACCAAGAACCCAGGTGAGCTGACCTGCTGGTTC 1122
Qy 1141 AAAGGCTTCTATCCCGAGCAGATCCCGTGGAGTGGGAGAGCAATGGGACGCGGAGAAC 1200
Db 1123 AAAGGCTTCTATCCCGAGCAGATCCCGTGGAGTGGGAGAGCAATGGGACGCGGAGAAC 1182
Qy 1201 AACTACAAGACACGCTCCCGTCTGGACTCCGAGCGGCTCTTCTTCTCTACAGCAAG 1260
Db 1183 AACTACAAGACACGCTCCCGTCTGGACTCCGAGCGGCTCTTCTTCTCTACAGCAAG 1242
Qy 1261 CTCACCGTGGACAGAGCAGGTGGAGAGGAGAACCGTCTTCTCATGCTCCGCTGATGAT 1320
Db 1243 CTCACCGTGGACAGAGCAGGTGGAGAGGAGAACCGTCTTCTCATGCTCCGCTGATGAT 1302
Qy 1321 GAGGCTCTGCAACACCACTACACGAGAGGCTCTCCCTGTCTCCGGGTAAATGA 1377
Db 1303 GAGGCTCTGCAACACCACTACACGAGAGGCTCTCCCTGTCTCCGGGTAAATGA 1359

GENERAL INFORMATION:	
APPLICANT:	Xia, Yu-Ping et al.
TITLE OF INVENTION:	METHODS FOR TREATING INFLAMMATORY SKIN DISEASES
FILE REFERENCE:	REG 710b
CURRENT APPLICATION NUMBER:	US/09/773,877B
CURRENT FILING DATE:	2001-01-31
NUMBER OF SEQ ID NOS:	27
SOFTWARE:	PatentIn version 3.0
SEQ ID NO 17:	
LENGTH:	1389
TYPE:	DNA
ORGANISM:	Artificial Sequence
FEATURE:	
OTHER INFORMATION:	Flt1(2-3)-Fc (Mut3)
NAME/KEY:	CDS
LOCATION:	(1)..(1389)
US-09-773-877B-17	
Query Match 75.0%; Score 1032.4; DB 4; Length 1389;	
Best Local Similarity 85.5%; Pred. No. 2.1e-266;	
Matches 1201; Conservative 0; Mismatches 161; Indels 42; Gaps 3;	
Qy	1 ATGCTAGCTACTGGGACACCGGGTCTGCTGCGGGTCTCAGCTGCTGCTCTC 60
Db	1 ATGCTAGCTACTGGGACACCGGGTCTGCTGCGGGTCTCAGCTGCTGCTCTC 60
Qy	61 ACAGATCTAGTTCGGGAGTATACCGGTAGACCTTTCGTAGAGATGTACAGTGAATC 120
Db	61 ACAGATCTAGTTCGGGAGTATACCGGTAGACCTTTCGTAGAGATGTACAGTGAATC 111
Qy	121 CCCGAAATATACATGACTGAAGGAGGAGCTCGTCACTTCCTGCGGGTTACGTCA 180
Db	112 CCCGAAATATACATGACTGAAGGAGGAGCTCGTCACTTCCTGCGGGTTACGTCA 171
Qy	181 CCTAACATCACTGTTACTTTAAAAAGTTTCCACTTGACACTTTGATCCCTGATGGA 240
Db	172 CCTAACATCACTGTTACTTTAAAAAGTTTCCACTTGACACTTTGATCCCTGATGGA 231
Qy	241 CGCATATCTGGGACAGTGAAGGGCTTCATCATATCAATCAAGTCAAGTCAAGAAATA 300
Db	232 CGCATATCTGGGACAGTGAAGGGCTTCATCATATCAATCAAGTCAAGTCAAGAAATA 291
Qy	301 GGGCTTCTGACTGTGAAGCAACAGTCAATGGGCAATTGTATAAGACAAACTCTCACA 360
Db	292 GGGCTTCTGACTGTGAAGCAACAGTCAATGGGCAATTGTATAAGACAAACTCTCACA 351
Qy	361 CATCGACAAACCAATACATAGATGTGTTCTGAGTCCGTCTCATGGAATGAACTA 420
Db	352 CATCGACAAACCAATACATAGATGTGTTCTGAGTCCGTCTCATGGAATGAACTA 411
Qy	421 TCTGTTGGAGAAAGCTTGTCTTAAATGTACAGCAAGTCAACTAAATGTGGGATT 480
Db	412 CTTAGAGCCCATCTTGTCTCAATTTGACTGTACCACTCCCTTGAACACGAGAGTT 471
Qy	481 GACTTCAACTGGGAATACCTTCTTCGAAGCATCAGCATAGAAACCTTGTAAACCGAGAC 540
Db	472 CAATGACTGGAGTTACCTT-----CATGAAATAATAGAGCTTCCTGAAGCGGA 525
Qy	541 CTAAGAACCCAGTCTGGGAGTGAGATGAAGAAATTTTGTAGACCTTAATATAGATGGT 600
Db	526 CGAATTGACCAAGCAATTCATGCCAACATATTCTACAGTGTCTTACTATTGACAAA 585
Qy	601 GTAACCCGGAGTGACCAAGGATTTGACCTGTGCGAGCATCAGTGGCTGATGACCAAG 660
Db	586 ATGCAGAACAAAGACAAAGGACTTTATATTGTCTGTGAAGGAGTGGACCATATTCAA 645
Qy	661 AAGACACGACATTTGTCCAGGTCCATGAAA-----G 693
Db	646 TCTGTTAACACCTCAGTCATATATATATAGACAGCCCGGGGAGCCCAATCTTGT 705
Qy	694 GACAAACTCACAATGCCCCCGTGCAGCAGCACTGAACTCCTGGGGGAGCCGTCAGTC 753
Db	706 GACAAACTCACAATGCCCCCGTGCAGCAGCACTGAACTCCTGGGGGAGCCGTCAGTC 765
Qy	754 TTCTCTTCTCCCGGACACCCAGGACACCTCATGATCTCCCGGACCCCTGAGGTCA 813
Db	766 TTCTCTTCTCCCGGACACCCAGGACACCTCATGATCTCCCGGACCCCTGAGGTCA 825
Qy	814 TGGTGGTGGTGGAGCGTGAAGACCAAGACCCCTGAGGTCAAGTTCAGTGGTGGAC 873
Db	826 TGGTGGTGGTGGAGCGTGAAGACCAAGACCCCTGAGGTCAAGTTCAGTGGTGGAC 885
Qy	874 GGGTGGAGGTGCATAATGCCAAGACAAAGCCCGGAGGAGCAGTACAAAGCAGCATC 933
Db	886 GGGTGGAGGTGCATAATGCCAAGACAAAGCCCGGAGGAGCAGTACAAAGCAGCATC 945
Qy	934 CGTGTGGTCAAGCGTCTCTCACCGTCTCTGCACAGGACTGGCTGAATGGCAAGGAGTCAAG 993
Db	946 CGTGTGGTCAAGCGTCTCTCACCGTCTCTGCACAGGACTGGCTGAATGGCAAGGAGTCAAG 1005
Qy	994 TGCAAGGTCTCCAAAGACCCCTCCAGCCCTCCAGCCCTCCAGGAAACCACTCTCCAAAGCCAAA 1053
Db	1006 TGCAAGGTCTCCAAAGACCCCTCCAGCCCTCCAGGAAACCACTCTCCAAAGCCAAA 1065
Qy	1054 GGGCAGCCCGGAGAACACAGGTGTACACCTGCCCCCATCCCGGATGAGCTGACCAAG 1113
Db	1066 GGGCAGCCCGGAGAACACAGGTGTACACCTGCCCCCATCCCGGATGAGCTGACCAAG 1125
Qy	1114 AACAGGTCAAGCTGACCTGCTGCTGCTCAAGAGCTTCTATCCAGCGACATCGCGGTGGAG 1173
Db	1126 AACAGGTCAAGCTGACCTGCTGCTGCTCAAGAGCTTCTATCCAGCGACATCGCGGTGGAG 1185
Qy	1174 TGGGAGAGCAATGGGAGCCGAGAGCAACTACAGACCCAGCTCCCGTGGTGGACTCC 1233
Db	1186 TGGGAGAGCAATGGGAGCCGAGAGCAACTACAGACCCAGCTCCCGTGGTGGACTCC 1245
Qy	1234 GAGGGTCTCTTCTCTCTACAGCAAGCTCACCGTGGACAAAGCAGGTGGCAGCAGGG 1293
Db	1246 GAGGGTCTCTTCTCTCTACAGCAAGCTCACCGTGGACAAAGCAGGTGGCAGCAGGG 1305
Qy	1294 AAGCTCTTCTCATGCTCCGTGATGATGAGGCTCTGCAACCACTACACGCAAGAGC 1353
Db	1306 AAGCTCTTCTCATGCTCCGTGATGATGAGGCTCTGCAACCACTACACGCAAGAGC 1365
Qy	1354 CTCTCCCTGTCTCCGGTAAATGA 1377
Db	1366 CTCTCCCTGTCTCCGGTAAATGA 1389
RESULT 6	
US-09-773-877B-13	
Sequence 13, Application US/09773877B	
Patent No. 683349	
GENERAL INFORMATION:	
APPLICANT: Xia, Yu-Ping et al.	
TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES	
FILE REFERENCE: REG 710b	
CURRENT APPLICATION NUMBER: US/09/773,877B	
CURRENT FILING DATE: 2001-01-31	
NUMBER OF SEQ ID NOS: 27	
SOFTWARE: PatentIn version 3.0	
SEQ ID NO 13	
LENGTH: 1674	
TYPE: DNA	
ORGANISM: Artificial Sequence	
FEATURE:	
OTHER INFORMATION: Flt1(1-3 deltaB) (Mut 1)	
NAME/KEY: CDS	
LOCATION: (1)..(1674)	
US-09-773-877B-13	
Query Match 71.7%; Score 987.4; DB 4; Length 1674;	
Best Local Similarity 86.1%; Pred. No. 2.6e-254;	
Matches 1119; Conservative 0; Mismatches 171; Indels 9; Gaps 2;	
Qy	79 AGTGATACCGGTAGACCTTTCTGATAGATGTACAGTGAATAATCCCGAAATATACACATG 138

Db 385 AGTGATACAGGTAGACCTTTTCGTAGAGATGTACAGTGAATCCCGGAAATTTATACATG 444
Qy 139 ACTGAAGAAAGGAGCTCGTCATTCCTCGCGGGTTACGTCACTTAACATCACTGTTACT 198
Db 445 ACTGAAGAAAGGAGCTCGTCATTCCTCGCGGGTTACGTCACTTAACATCACTGTTACT 504
Qy 199 TTAATAAAGTTTCCACTTCGACACTTTGATCCCTGATCGAAACGCAATATCTGGACAGT 258
Db 505 TTAATAAAGTTTCCACTTCGACACTTTGATCCCTGATCGAAACGCAATATCTGGACAGT 564
Qy 259 AGAAAGGGCTTCATCATATCAATGCAAGCTGACAAAGAAATAGGGCTTCGACCTGGA 318
Db 565 AGAAAGGGCTTCATCATATCAATGCAAGCTGACAAAGAAATAGGGCTTCGACCTGGA 624
Qy 319 GCAACAGTCAATGGGCAATTTGATTAAGACAAACTATCTCACATCGACAAACCAATACA 378
Db 625 GCAACAGTCAATGGGCAATTTGATTAAGACAAACTATCTCACATCGACAAACCAATACA 684
Qy 379 ATCATAGATGTGGTTCGTAGTCCGCTCTCATGGAATTTGAACCTATCTGTGTGAGAAAGCTT 438
Db 685 ATCATAGATGTCCAATTAAGACAAACGACCGCCAGTCAAAATTAATTAGAGGCCATCTCT 744
Qy 439 GTCTTAAATTTGACAGCAAGAACTGAACTAAATGTGGGATTTGACTTCAACTCGGAATAC 498
Db 745 GTCTTCAATTTGACTGCTTACCACTCCCTTGAACAGAGAGTTCAATGACCTGGAGTTAC 804
Qy 499 CCTTCTTCAAGCATCAGCATAGAAGAACTTCTGAACCGGACCTTAAACCCAGTCTGGG 558
Db 805 CCTGATGAATTTGACCAAGCAATTTCCATCCCAACATATCTACAGTGTCTTACTATT 864
Qy 559 AGTGAGATGAAGAAATTTTGAGCACCTTAACATAGATGTGTAAACCGGAGTGAACAA 618
Db 865 GACAAATTCAGACAAAGAGGACTTTATACCTTTGCTGTGAA---GGAGTGACCA 921
Qy 619 GGATTTGACACCTGTGAGCATCGTGGGCTGTGACCAAGAGAGACCAATTTGTC 678
Db 922 TCATTCATATCTGTTAACACCTC-----AGTGATATATATGATAAGACGCGCGGCG 975
Qy 679 AGGTCCTATGAAGAGCAAACTCACATGTCACCGCCAGCGCCAGCACTGAATCTCTG 738
Db 976 GAGCCCAATCTGTGACAAATCTCACATGTCACCGCCAGCGCCAGCACTGAATCTCTG 1035
Qy 739 GGGGACCGTCACTTCTCTTCCCGCCAAAGACCCCAAGGACACCTCATGATCTCCCGG 798
Db 1036 GGGGACCGTCACTTCTCTTCCCGCCAAAGACCCCAAGGACACCTCATGATCTCCCGG 1095
Qy 799 ACCCTGAGGTACATGCGTGGTGGAGCGTGAGCCACGAAGACCTTGAGTCAAGTTC 858
Db 1096 ACCCTGAGGTACATGCGTGGTGGAGCGTGAGCCACGAAGACCTTGAGTCAAGTTC 1155
Qy 859 AACTGTTACGTGGACCGGCTGGAGTGCATAATGCGCAAGACAAAGCGCGGAGGAGCAG 918
Db 1156 AACTGTTACGTGGACCGGCTGGAGTGCATAATGCGCAAGACAAAGCGCGGAGGAGCAG 1215
Qy 919 TACAACACGACGTACCGTGGTGGTGGAGCGTCAACCGCTCTGACGAGCACTGGCTGAAT 978
Db 1216 TACAACACGACGTACCGTGGTGGTGGAGCGTCAACCGCTCTGACGAGCACTGGCTGAAT 1275
Qy 979 GGCAGGAGTCAAGTGCAGGTTCTCAACAAAGCGCTCCAGCGCCCATCGAGAAACC 1038
Db 1276 GGCAGGAGTCAAGTGCAGGTTCTCAACAAAGCGCTCCAGCGCCCATCGAGAAACC 1335
Qy 1039 ATCTCCAAAGCAAGGCGACCCCGAGAACCAAGGTGTACACCTGCCCCCATCCCGG 1098
Db 1336 ATCTCCAAAGCAAGGCGACCCCGAGAACCAAGGTGTACACCTGCCCCCATCCCGG 1395
Qy 1099 GATGAGCTGACCAAGAACCGAGGTGACCTGCTGCTGCTCAAAAGGCTTCTATCCAGC 1158
Db 1396 GATGAGCTGACCAAGAACCGAGGTGACCTGCTGCTGCTCAAAAGGCTTCTATCCAGC 1455
Qy 1159 GACATCGCGGTGGAGTGGGAGAGCAATGGGCGACCGCGGAGAACTACAAAGACACGCT 1218

Db 1456 GACATCCCGTGGAGTGGGAGCAATGGGAGCGGAGCAACTACAAGACCAAGCCT 1515
Qy 1219 CCGTGTGACATCCGACGGCTCTTCTTCTTACAGCAAGCTCACCGTGGACAAGAGC 1278
Db 1516 CCGTGTGACATCCGACGGCTCTTCTTCTTACAGCAAGCTCACCGTGGACAAGAGC 1575
Qy 1279 AGTGGCAGCAGGGAAACGTTCTCATGCTCCGATGATGAGGCTCTGCACAACAC 1338
Db 1576 AGTGGCAGCAGGGAAACGTTCTTCTCATGCTCCGATGATGAGGCTCTGCACAACAC 1635
Qy 1339 TACACGCAAGAGACCTCTCCCTGTCTCCGGGTAAATGA 1377
Db 1636 TACACGCAAGAGACCTCTCCCTGTCTCCGGGTAAATGA 1674

RESULT 7
US-09-773-877B-19
; Sequence 19, Application US/09773877B
; Patent No. 6833349
; GENERAL INFORMATION:
; APPLICANT: Xia, Yu-Ping et al.
; TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES
; FILE REFERENCE: REG 7105
; CURRENT APPLICATION NUMBER: US/09/773,877B
; CURRENT FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 19
; LENGTH: 1704
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Flt1(1-3 R->N) (Mut 4)
; NAME/KEY: CDS
; LOCATION: (1)..(1704)
; US-09-773-877B-19

Query Match 71.3%; Score 982.4; DB 4; Length 1704;
Best Local Similarity 85.4%; Pred. No. 5.7e-253;
Matches 1132; Conservative 0; Mismatches 161; Indels 33; Gaps 2;

Qy 79 AGTGATACCGGTAGACCTTTTCGTAGAGATGTACAGTGAATTCGCCGAAATTTATACATG 138
Db 385 AGTGATACAGGTAGACCTTTTCGTAGAGATGTACAGTGAATTCGCCGAAATTTATACATG 444
Qy 139 ACTGAAGAAAGGAGCTCGTCATTCCTCGCGGGTTACGTCACTTAACATCACTGTTACT 198
Db 445 ACTGAAGAAAGGAGCTCGTCATTCCTCGCGGGTTACGTCACTTAACATCACTGTTACT 504
Qy 199 TTAATAAAGTTTCCACTTCGACACTTTGATCCCTGATGGAACCGCAATATCTGGGACAGT 258
Db 505 TTAATAAAGTTTCCACTTCGACACTTTGATCCCTGATGGAACCGCAATATCTGGGACAGT 564
Qy 259 AGAAAGGGCTTCATCATATCAATGCAAGCTGAAACGTAACAAAGAAATAGGGCTTCGACCTGTAA 318
Db 565 AGAAAGGGCTTCATCATATCAATGCAAGCTGAAACGTAACAAAGAAATAGGGCTTCGACCTGTAA 624
Qy 319 GCAACAGTCAATGGGCAATTTGATTAAGACAAACTATCTCACATCGACAAACCAATACA 378
Db 625 GCAACAGTCAATGGGCAATTTGATTAAGACAAACTATCTCACATCGACAAACCAATACA 684
Qy 379 ATCATAGATGTGGTTCGTAGTCCGCTCTCATGGAATTTGAACCTATCTGTGTGAGAAAGCTT 438
Db 685 ATCATAGATGTCCAATTAAGACAAACGACCGCCAGTCAAAATTAATTAGAGGCCATCTCT 744
Qy 439 GTCTTAAATTTGACAGCAAGAACTGAACTAAATGTGGGATTTGACTTCAACTCGGAATAC 498
Db 745 GTCTTCAATTTGACTGCTTACCACTCCCTTGAACAGAGAGTTCAATGACCTGGAGTTAC 804
Qy 499 CCTTCTTCAAGCATCAGCATAGAAGAACTTGTAAACCGGACCTTAAACCCAGTCTGGG 558
Db 805 CCTGATGAATTAAGAAACGCTTCGTAAGCGGAGCAATTTGACCAAGCAATTC----- 860

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Qy 559 AGTGAGATGAGAAATTTTGGAGCACCTTAACATATAGATGGTGTAAACCCGGAGTGACCAA 618
Db 861 --CCATGCCAACAATTTTACAGTGTCTTACTATTGACAAATGCGAAGACAAAGACAAA 918
Qy 619 GGATTGTACACCTGTGAGCATCCAGTGGGCTGATGACCAAGAGACAGACATTTGTC 678
Db 919 GGACTTTATATCTGTCGTGAAGGAGTGGACCATTCATTTCAAAATCTGTTAACACCTCAGTG 978
Qy 679 AGGTCATATGAAAT-----GGACAAATCTCACACATGC 711
Db 979 CATATATATGATAAGCAGGCCCGGGGAGCCCAAAATCTTGTGACAAATCTCACACATGC 1038
Qy 712 CCACCGTGCCCGAGCACCTGAATCTCTGGGGGACCGTCAGTCTTCTTCTTCCCGCCCAAAA 771
Db 1039 CCACCGTGCCCGAGCACCTGAATCTCTGGGGGACCGTCAGTCTTCTTCTTCCCGCCCAAAA 1098
Qy 772 CCAAGGACACCCCTCATGATCTCCGGACCCCTGAGTGCATGCTGCTGGTGGAGCGTG 831
Db 1099 CCAAGGACACCCCTCATGATCTCCGGACCCCTGAGTGCATGCTGCTGGTGGAGCGTG 1158
Qy 832 AGCCACGAAGACCCCTGAGTCAAGTTCAACTGGTACGTTGGACGGCGTGGAGGTGCATAAT 891
Db 1159 AGCCACGAAGACCCCTGAGTCAAGTTCAACTGGTACGTTGGACGGCGTGGAGGTGCATAAT 1218
Qy 892 GCCAAGACAAAGCCCGGGAGGAGCAGTACAAACAGCACGTACCGTGTGGTCAAGCTCTC 951
Db 1219 GCCAAGACAAAGCCCGGGAGGAGCAGTACAAACAGCACGTACCGTGTGGTCAAGCTCTC 1278
Qy 952 ACCGTCTGTGACAGGACTGCTGCTGAATGGCAAGAGTACAAAGTCAAGGTCTCCAAACAA 1011
Db 1279 ACCGTCTGTGACAGGACTGCTGCTGAATGGCAAGAGTACAAAGTCAAGGTCTCCAAACAA 1338
Qy 1012 GCCCTCCAGCCCATCGAGAAACCATCTCCAAAGCCAAAGGGGAGCCCGGAGAACCA 1071
Db 1339 GCCCTCCAGCCCATCGAGAAACCATCTCCAAAGCCAAAGGGGAGCCCGGAGAACCA 1398
Qy 1072 CAGGTGTACACCTGCCCCCATCCCGGATGAGCTGACCAAGAACCCAGGTGAGCTGACC 1131
Db 1399 CAGGTGTACACCTGCCCCCATCCCGGATGAGCTGACCAAGAACCCAGGTGAGCTGACC 1458
Qy 1132 TGCTGTGTCAAAGGCTTATCCAGCGACATCCCGTGGAGTGGAGGAGCAATGGGCGAG 1191
Db 1459 TGCTGTGTCAAAGGCTTATCCAGCGACATCCCGTGGAGTGGAGGAGCAATGGGCGAG 1518
Qy 1192 CCGGAGAACACTACAGACCAACCGCTCCCGTGTGGACTCCGACGGCTCTTCTCTCTC 1251
Db 1519 CCGGAGAACACTACAGACCAACCGCTCCCGTGTGGACTCCGACGGCTCTTCTCTCTC 1578
Qy 1252 TACAGCAAGCTCACCGTGGACAAAGCAGGTGGGAGCGGGGAAACGCTTCTCATGCTCC 1311
Db 1579 TACAGCAAGCTCACCGTGGACAAAGCAGGTGGGAGCGGGGAAACGCTTCTCATGCTCC 1638
Qy 1312 GTGATGATGAGGTCTGCAACCACTACAGCGAAGAGCGCTTCTCCTGTCTCCGGGT 1371
Db 1639 GTGATGATGAGGTCTGCAACCACTACAGCGAAGAGCGCTTCTCCTGTCTCCGGGT 1698
Qy 1372 AAATGA 1377
Db 1699 AAATGA 1704

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RESULT 8

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US-09-773-877B-11
; Sequence 11, Application US/0977387B
; Patent No. 683349
; GENERAL INFORMATION:
; APPLICANT: Xia, Yu-Ping et al.
; TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES
; FILE REFERENCE: REG 710b
; CURRENT APPLICATION NUMBER: US/09/773,877B
; CURRENT FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.0

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; SEQ ID NO 11
; LENGTH: 1704
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Flt1(1-3)-Fc
; NAME/KEY: CDS
; LOCATION: (1)..(1704)
US-09-773-877B-11

Query Match 71.2%; Score 980.8; DB 4; Length 1704;
Best Local Similarity 85.3%; Pred. No. 1.5e-252;
Matches 1131; Conservative 0; Mismatches 162; Indels 33; Gaps 2;

Qy 79 AGTGATACCGGTAGACCTTTTCGTAGAGATGTACAGTCAAAATCCCCGAAATATATACATG 138
Db 385 AGTGATACCGGTAGACCTTTTCGTAGAGATGTACAGTCAAAATCCCCGAAATATATACATG 444
Qy 139 ACTGAAGGAAGGAGCTCGTCATTCCTGCCGGGTACGTCACTCACTCACTCACTGTACT 198
Db 445 ACTGAAGGAAGGAGCTCGTCATTCCTGCCGGGTACGTCACTCACTCACTCACTGTACT 504
Qy 199 TTAATAAAGTTTCCACTTGCACCTTTGATCCCTGATGGAACCGCATAAATCTGGGACAGT 258
Db 505 TTAATAAAGTTTCCACTTGCACCTTTGATCCCTGATGGAACCGCATAAATCTGGGACAGT 564
Qy 259 AGAAGGGCTTCATCATATCAAAATGCAACCGTACAAAGAAATAGGGCTTTGACCTGTGAA 318
Db 565 AGAAGGGCTTCATCATATCAAAATGCAACCGTACAAAGAAATAGGGCTTTGACCTGTGAA 624
Qy 319 GCAACAGTCAATGGGATTTGTATAGACAACTATCTACACATCGACAAACCAATACA 378
Db 625 GCAACAGTCAATGGGATTTGTATAAGACAACTATCTACACATCGACAAACCAATACA 684
Qy 379 ATCATAGATGTGTTCTGAGTCCGCTCATGGAATGAACTATCTGTGGAGAAAAGCTT 438
Db 685 ATCATAGATGTGGAATTAAGACACACACGCCAGTCAAAATCTTAGAGGCCATCTTCT 744
Qy 439 GTCTTAAATTTGTACAGCAAGAACTGAACTAAATGTGGGATTTGACTTCAACTGGGAATAC 498
Db 745 GTCTTAAATTTGTACAGCAAGAACTGAACTAAATGTGGGATTTGACTTCAACTGGGATAC 804
Qy 499 CTTCTTTGGAAGCATCAGCATAGAAACTTTGTAAACCGAGACCTTAAACCCAGTCTGGG 558
Db 805 CCT-----GATGAAAAAATAAGAGAGCTTCCGTAAAGGCGAGCAATTTGACCAAGCAAT 858
Qy 559 AGTGAGATGAAGAAATTTTGGACACCTTAACATATAGATGGTGTAAACCCGGAGTGACAA 618
Db 859 TCCCATGCCAACATATTCTACAGTGTCTTACTATTGACAAATTCGAGAACAAAGACAA 918
Qy 619 GGATTGTACACCTGTGAGCATCCAGTGGGCTGATGACCAAGAGAAACAGCACATTTGTC 678
Db 919 GGACTTTTACTTGTCTGTGAAGGATGGACCATTCATTCAAACTCTGTTAAACACCTCAGTG 978
Qy 679 AGGTCATGAAAA-----GGACAAATCTCACACATGC 711
Db 979 CATATATATGATAAGCAGGCCCGGGGAGCCCAAAATCTTGTGACAAATCTCACACATGC 1038
Qy 712 CCACCGTGCCCGAGCACCTGAATCTCTGGGGGAGCCGTCAGTCTTCTTCTTCCCGCCCAAAA 771
Db 1039 CCACCGTGCCCGAGCACCTGAATCTCTGGGGGAGCCGTCAGTCTTCTTCTTCCCGCCCAAAA 1098
Qy 772 CCAAGGACACCCCTCATGATCTCCGGACCCCTGAGTGCATGCTGCTGGTGGAGCGTG 831
Db 1099 CCAAGGACACCCCTCATGATCTCCGGACCCCTGAGTGCATGCTGCTGGTGGAGCGTG 1158
Qy 832 AGCCACGAAGACCCCTGAGTCAAGTTCAACTGGTACGTTGGACGGCGTGGAGGTGCATAAT 891
Db 1159 AGCCACGAAGACCCCTGAGTCAAGTTCAACTGGTACGTTGGACGGCGTGGAGGTGCATAAT 1218
Qy 892 GCCAAGACAAAGCCCGGGAGGAGCAGTACAAACAGCACGTACCGTGTGGTCAAGCTCTC 951
Db 1219 GCCAAGACAAAGCCCGGGAGGAGCAGTACAAACAGCACGTACCGTGTGGTCAAGCTCTC 1278

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Db	245	CGTGTGGTCAGCGTCTCTCACCGTCTCTGCACCAAGGACTGGCTGAAATGGCAAGGAGTACAAG	304
Qy	994	TGCAAGGTTCTCAACAAAGGCCCTCCAGAGCCCTCCAGAGCCCTCGAGAAAAACCATCTCTCCAAAGCCAAA	1053
Db	305	TGCAAGGTTCTCAACAAAGGCCCTCCAGAGCCCTCCAGAGCCCTCGAGAAAAACCATCTCTCCAAAGCCAAA	364
Qy	1054	GGCAGCCCCGAGAACCAACAGAGTGTAACCCCTGCCCCCATCCCGGGATGAGCTGACCAAG	1113
Db	365	GGCAGCCCCGAGAACCAACAGAGTGTAACCCCTGCCCCCATCCCGGGATGAGCTGACCAAG	424
Qy	1114	AACAGGTGAGCTGACTGCTCGTGTCAAGGCTTCTATCCAGCGACATCGCGGTGGAG	1173
Db	425	AACAGGTGAGCTGACTGCTCGTGTCAAGGCTTCTATCCAGCGACATCGCGGTGGAG	484
Qy	1174	TGGGAGACAATGGGCAGCGCGAGAACACTCAAGACCAACGCTCCCGTGTGGACTCC	1233
Db	485	TGGGAGACAATGGGCAGCGCGAGAACACTCAAGACCAACGCTCCCGTGTGGACTCC	544
Qy	1234	GACGGTCTCTTCTCTCTCTACAGCAAGCTCACCGTGGACAAGAGCAGGTGGCAGCAGGG	1293
Db	545	GACGGTCTCTTCTCTCTCTACAGCAAGCTCACCGTGGACAAGAGCAGGTGGCAGCAGGG	604
Qy	1294	AACGTCTTCTCATGCTCCGTGATGATGAGGCTCTGCACAACCACTACACGACAGAGC	1353
Db	605	AACGTCTTCTCATGCTCCGTGATGATGAGGCTCTGCACAACCACTACACGACAGAGC	664
Qy	1354	CTCTCCCTGCTCCGGGTAATGA	1377
Db	665	CTCTCCCTGCTCCGGGTAATGA	688
RESULT 11			
US-09-178-869-1			
; Sequence 1, Application US/09178869B			
; Patent No. 6197294			
; GENERAL INFORMATION:			
; APPLICANT: Tao, Weng			
; APPLICANT: Wong, Shou			
; APPLICANT: Hickey, William F			
; APPLICANT: Hamang, Joseph P.			
; APPLICANT: Baetge, E. Edward			
; TITLE OF INVENTION: CELL SURFACE-INDUCED MACROPHAGE ACTIVATION			
; FILE REFERENCE: 17810-043			
; CURRENT APPLICATION NUMBER: US/09/178,869B			
; CURRENT FILING DATE: 1998-10-26			
; NUMBER OF SEQ ID NOS: 14			
; SOFTWARE: PatentIn Ver. 2.0			
; SEQ ID NO 1			
; LENGTH: 1019			
; TYPE: DNA			
; ORGANISM: Homo sapiens			
; FEATURE:			
; NAME/KEY: gene			
; LOCATION: () ..			
; OTHER INFORMATION: Description of Sequence: Recombinant			
; OTHER INFORMATION: Polynucleotide			
; FEATURE:			
; NAME/KEY: CDS			
; LOCATION: (16) .. (1008)			
US-09-178-869-1			
Query Match 49.7%; Score 684; DB 3; Length 1019;			
Best Local Similarity 100.0%; Mismatches 0; Indels 0; Gaps 0;			
Matches 684; Conservative 0; Pseudomatches 0;			
Qy	694	GACAAACTCACATGCCACCGTGCACACCTGAACCTCTGGGGGACCGTCAGTC	753
Db	328	GACAAACTCACATGCCACCGTGCACACCTGAACCTCTGGGGGACCGTCAGTC	387
Qy	754	TTCTCTTCCCCCCCAACCAAGCACCCCTCATGATCTCCCGGACCCCTGAGTCA	813
Db	388	TTCTCTTCCCCCCCAACCAAGCACCCCTCATGATCTCCCGGACCCCTGAGTCA	447

Db 1285 GACGGCTCTTCTTCTACAGCAAGCTCACCGTGGACAAGAGCAGGTGGCAGCAGGG 1344
 Qy 1294 AAGCTCTTCTCATGCTCCGTGATGATGAGGCTCTGCACAAACCACTACACGCAAGAGC 1353
 Db 1345 AAGCTCTTCTCATGCTCCGTGATGATGAGGCTCTGCACAAACCACTACACGCAAGAGC 1404
 Qy 1354 CTCTCCCTGTCTCCGGGTAAATGA 1377
 Db 1405 CTCTCCCTGTCTCCGGGTAAATGA 1428

RESULT 15
 US-08-634-223-19
 ; Sequence 19 Application US/08634223
 ; Patent No. 5840298
 ; GENERAL INFORMATION:
 ; APPLICANT: BRAMS, Peter
 ; APPLICANT: CHAWAT, Soulaïma Salim
 ; APPLICANT: PAN, Li-Zhen
 ; APPLICANT: WALSH, Edward E.
 ; APPLICANT: HEARD, Cheryl Janne
 ; APPLICANT: NEWMAN, Roland Anthony
 ; TITLE OF INVENTION: NEUTRALIZING HIGH AFFINITY HUMAN
 ; TITLE OF INVENTION: MONOCLONAL ANTIBODIES SPECIFIC TO RSV F-PROTEIN AND
 ; TITLE OF INVENTION: METHODS FOR THEIR MANUFACTURE AND THERAPEUTIC USE THEREOF
 ; NUMBER OF SEQUENCES: 19
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Burns, Doane, Swecker & Mathis
 ; STREET: P.O. Box 1404
 ; CITY: Alexandria
 ; STATE: Virginia
 ; COUNTRY: United States
 ; ZIP: 22313-1404
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patent In Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/634,223
 ; FILING DATE:
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/488,376
 ; FILING DATE: 07-JUN-1995
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Teskin, Robin L.
 ; REGISTRATION NUMBER: 35,030
 ; REFERENCE/DOCKET NUMBER: 012712-150
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (703) 836-6620
 ; TELEFAX: (703) 836-2021
 ; INFORMATION FOR SEQ ID NO: 19:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 1428 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: DNA (genomic)
 ; FEATURE:
 ; NAME/KEY: CDS
 ; LOCATION: 1..1428
 ; US-08-634-223-19

Query Match 49.7%; Score 684; DB 2; Length 1428;
 Best Local Similarity 100.0%; Pred. No. 4.6e-173;
 Matches 684; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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 Qy 1354 CTCTCCCTGTCTCCGGGTAAATGA 1377
 Db 1405 CTCTCCCTGTCTCCGGGTAAATGA 1428

Search completed: November 10, 2005, 10:18:20
 Job time : 196 secs

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: November 10, 2005, 10:00:41 ; Search time 829 Seconds
(without alignments)

13736.479 Million cell updates/sec

Title: US-10-009-852-15

Perfect score: 1377

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Gapop 10.0 , Gapext 1.0

Searched: 9794790 seqs, 4134909567 residues

Total number of hits satisfying chosen parameters: 19589580

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

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28: /cgn2_6/prodata/1/pubpna/US60_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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3	1377	100.0	1377	21	US-10-860-958-1
4	1377	100.0	1377	22	US-10-830-902-1
5	1377	100.0	1377	22	US-10-897-802-1

6	1377	100.0	1377	22	US-10-880-021-9	Sequence 9, Appli
7	1377	100.0	1377	22	US-10-909-011-3	Sequence 3, Appli
8	1377	100.0	1377	24	US-10-988-243-15	Sequence 15, Appl
9	1377	100.0	1377	24	US-10-998-881-3	Sequence 3, Appli
10	1377	100.0	1377	26	US-11-016-097-15	Sequence 15, Appl
11	1377	100.0	1377	26	US-11-039-144-1	Sequence 1, Appli
12	1328.4	96.5	1453	10	US-09-773-877A-21	Sequence 21, Appl
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16	1328.4	96.5	1453	24	US-10-988-243-11	Sequence 11, Appl
17	1328.4	96.5	1453	24	US-10-998-881-1	Sequence 11, Appl
18	1328.4	96.5	1453	26	US-11-016-097-11	Sequence 11, Appl
19	1323.6	96.1	1377	22	US-10-855-559-12	Sequence 12, Appl
20	1049.2	76.2	1444	10	US-09-773-877A-23	Sequence 23, Appl
21	1049.2	76.2	1444	18	US-10-609-775-12	Sequence 12, Appl
22	1049.2	76.2	1444	22	US-10-880-021-12	Sequence 12, Appl
23	1049.2	76.2	1444	24	US-10-988-243-13	Sequence 13, Appl
24	1049.2	76.2	1444	26	US-11-016-097-13	Sequence 13, Appl
25	1039	75.5	1359	10	US-09-773-877A-15	Sequence 15, Appl
26	1039	75.5	1359	24	US-10-988-243-5	Sequence 5, Appli
27	1039	75.5	1359	26	US-11-016-097-5	Sequence 17, Appl
28	1032.4	75.0	1389	10	US-09-773-877A-17	Sequence 7, Appli
29	1032.4	75.0	1389	24	US-10-988-243-7	Sequence 7, Appli
30	1032.4	75.0	1389	26	US-11-016-097-7	Sequence 13, Appl
31	987.4	71.7	1674	10	US-09-773-877A-13	Sequence 3, Appli
32	987.4	71.7	1674	24	US-10-988-243-3	Sequence 3, Appli
33	987.4	71.7	1674	26	US-11-016-097-3	Sequence 3, Appli
34	982.4	71.3	1704	10	US-09-773-877A-19	Sequence 19, Appl
35	982.4	71.3	1704	24	US-10-988-243-9	Sequence 9, Appli
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37	980.8	71.2	1704	10	US-09-773-877A-11	Sequence 11, Appl
38	980.8	71.2	1704	24	US-10-988-243-1	Sequence 1, Appli
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40	687.8	49.9	1290	18	US-10-435-608-7	Sequence 7, Appli
41	687.8	49.9	1290	19	US-10-622-108-7	Sequence 7, Appli
42	687.8	49.9	1299	18	US-10-435-608-9	Sequence 9, Appli
43	687.8	49.9	1299	19	US-10-622-108-9	Sequence 9, Appli
44	687.2	49.9	1383	18	US-10-275-589-17	Sequence 17, Appl
45	687.2	49.9	1389	18	US-10-385-802-31	Sequence 31, Appl

ALIGNMENTS

RESULT 1

US-09-773-877A-25
; Sequence 25, Application US/09773877A
; Publication No. US20030017977A1
; GENERAL INFORMATION:
; APPLICANT: Xia, Yu-Ping et al.
; TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES
; FILE REFERENCE: REG 710b
; CURRENT APPLICATION NUMBER: US/09/773,877A
; CURRENT FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 25
; LENGTH: 1377
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: VEGFR1R2.FcdeltaC1(a) Receptor
; NAME/KEY: CDS
; LOCATION: (1)..(1377)
US-09-773-877A-25

Query Match 100.0%; Score 1377; DB 10; Length 1377;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1377; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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RESULT 2
US-10-609-775-9
; Sequence 9, Application US/10609775
; Publication NO. US20040014667A1
; GENERAL INFORMATION:
; APPLICANT: Thomas J. Daly
; APPLICANT: James P. Fandl
; APPLICANT: Nicholas J. Papadopoulos
; TITLE OF INVENTION: VEGF TRAPS AND THERAPEUTIC USES THEREOF
; FILE REFERENCE: REG 710D
; CURRENT APPLICATION NUMBER: US/10/609,775
; PRIOR FILING DATE: 2003-06-30
; PRIOR APPLICATION NUMBER: 10/009,852
; PRIOR FILING DATE: 2001-12-06
; PRIOR APPLICATION NUMBER: PCT/US00/14142
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 60/138,133
; PRIOR FILING DATE: 1999-06-08
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 9
; LENGTH: 1377
; TYPE: DNA
; ORGANISM: homo sapiens
; US-10-609-775-9

Query Match 100.0%; Score 1377; DB 18; Length 1377;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1377; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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901	Qy		AAGCCGGGAGGAGCAGTACAACAGCAGCGTAACCGTGTGTGACGTCCTCAACGTCCTG	960
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961	Qy		CACAGGACTGGCTGAATGCAAGGAGTACAAGTGCAGAGTCTTCAACAAAGCCCTCCCA	1020
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1021	Qy		GCSCCCATCGAGAAACCATCTTCAAAGCCAAAGGGCAGCCCGCAGAAACCAAGGTGTAC	1080
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1081	Db		ACCTCGCCCCATCCCGGGATGAGTCAACAAAGCAGGTCAGCGTCAGCTTCCTCGCTGGTC	1140
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1141	Db		AAAGGCTTCTATCCACGCGACATCGCCGTGGAGTGGGAGAGCAATGGCAGCCGAGAAC	1200
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1321	Db		GAGGCTCTGCACAAACCACTACACGAGAAGAGCCTCTCCCTGTCTCCGGGTAAATGA	1377

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; APPLICANT: Kandel, Jessica
; APPLICANT: Holash, Jocelyn
; APPLICANT: Yamashiro, Darrell
; APPLICANT: Huang, Jianzhong
; APPLICANT: Yancopoulos, George
; APPLICANT: Rudge, John
; TITLE OF INVENTION: Method of Tumor Regression with VEGF
; TITLE OF INVENTION: Inhibitors
; FILE REFERENCE: REG 714A
; CURRENT APPLICATION NUMBER: US/10/860,958
; CURRENT FILING DATE: 2004-06-04
; PRIOR APPLICATION NUMBER: 60/476,425
; PRIOR FILING DATE: 2003-06-06
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 1377
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-860-958-1

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Best Local Similarity	100.0%;	Pred. No. 0;		
Matches 1377;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;
Qy	1	ATGGTCAGCTACTGGGACACCGGGTCCTGCTGTGCGCGCTGCTCAGCTGTCTGCTTCTC	60	
Db	1	ATGGTCAGCTACTGGGACACCGGGTCCTGCTGTGCGCGCTGCTCAGCTGTCTGCTTCTC	60	
Qy	61	ACAGGATCTAGTTCGCGAAGTGATACCGGTAGACCTTTTGGTAGAGATGTACAGTGAATC	120	
Db	61	ACAGGATCTAGTTCGCGAAGTGATACCGGTAGACCTTTTGGTAGAGATGTACAGTGAATC	120	
Qy	121	CCGAAATATACATGACTGAAGGAGGAGCTCGTCAATCCCTGCCGGTTACGTCA	180	
Db	121	CCGAAATATACATGACTGAAGGAGGAGCTCGTCAATCCCTGCCGGTTACGTCA	180	
Qy	181	CCTAAATCATCTGTTTAACTTTAAAAAGTTTCCACTTTGACACTTTTGATCCCTGATGGA	240	
Db	181	CCTAAATCATCTGTTTAACTTTAAAAAGTTTCCACTTTGACACTTTTGATCCCTGATGGA	240	
Qy	241	CGCATAATCTGGGACAGTAGAAAGGGCTTCATCATATCAAAATGCAACGTAACAAGAAAT	300	
Db	241	CGCATAATCTGGGACAGTAGAAAGGGCTTCATCATATCAAAATGCAACGTAACAAGAAAT	300	
Qy	301	GGGCTTCTGACCTGTGAAGCAACAGTCAATGGGCACTTTGTATGAAGCAAACTATCTCAC	360	
Db	301	GGGCTTCTGACCTGTGAAGCAACAGTCAATGGGCACTTTGTATGAAGCAAACTATCTCAC	360	
Qy	361	CATCGACAAACCAATACAATCATAGATGTGGTTCTCAGTCCGCTCATGGAATTGAAC	420	
Db	361	CATCGACAAACCAATACAATCATAGATGTGGTTCTCAGTCCGCTCATGGAATTGAAC	420	
Qy	421	TCGTGTTGGGAAAGCTTGTCTTAAATTTGTACAGCAAGAACTGAACTTAAATGTTGGG	480	
Db	421	TCGTGTTGGGAAAGCTTGTCTTAAATTTGTACAGCAAGAACTGAACTTAAATGTTGGG	480	
Qy	481	GACTTCAACTGGGAATACCCCTTCTCGAAGCATCAGCATAGAAACTTGTAAACCGAG	540	
Db	481	GACTTCAACTGGGAATACCCCTTCTCGAAGCATCAGCATAGAAACTTGTAAACCGAG	540	
Qy	541	CTAAAAACCCAGTCTCGGAGTGAGATGAAGAAATTTTTTGAGCACTTTAACTATAGAT	600	
Db	541	CTAAAAACCCAGTCTCGGAGTGAGATGAAGAAATTTTTTGAGCACTTTAACTATAGAT	600	
Qy	601	GTAACCCGGAGTGACCAAGGATTTGACCTGTGCAGCATCCAGTGGCTGATGACCAAG	660	
Db	601	GTAACCCGGAGTGACCAAGGATTTGACCTGTGCAGCATCCAGTGGCTGATGACCAAG	660	
Qy	661	AAGAACAGCACATTTGTTCAGGTTCCATGAAAAGGACAAAACCTCACATGCCACCGTGC	720	
Db	661	AAGAACAGCACATTTGTTCAGGTTCCATGAAAAGGACAAAACCTCACATGCCACCGTGC	720	

RESULT 3
US-10-860-958-1
; Sequence 1, Application US/10860958
; Publication No. US20040265309A1
; GENERAL INFORMATION:

; FILE REFERENCE: RGE 710D2
; CURRENT APPLICATION NUMBER: US/10/880,021
; PRIOR FILING DATE: 2004-06-29
; PRIOR APPLICATION NUMBER: 10/609,775
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: Fast-Seq for Windows Version 4.0
; SEQ ID NO 9
; LENGTH: 1377
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-880-021-9

Query Match 100.0%; Score 1377; DB 22; Length 1377;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1377; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATGCTCAGCTACTGGGACACCGGGTCTGCTGCGCGTGTCTCAGCTGTCTGCTTCTC 60
Db 1 ATGCTCAGCTACTGGGACACCGGGTCTGCTGCGCGTGTCTCAGCTGTCTGCTTCTC 60

QY 61 ACAGGATCTAGTTCGGGAAGTGATACCGGTAGACTTTTCGTPAGAGATGTACAGTGAATC 120
Db 61 ACAGGATCTAGTTCGGGAAGTGATACCGGTAGACTTTTCGTPAGAGATGTACAGTGAATC 120

QY 121 CCCGAAATATACATGATCGAAGGAAGGGAGTCTGCTATTCCTGCGCGGTACGTCA 180
Db 121 CCCGAAATATACATGATCGAAGGAAGGGAGTCTGCTATTCCTGCGCGGTACGTCA 180

QY 181 CCTAACATCACTGTCTTAAAAAAGTTTCCACTTGACACTTTTGATCCCTGATGAAAT 240
Db 181 CCTAACATCACTGTCTTAAAAAAGTTTCCACTTGACACTTTTGATCCCTGATGAAAT 240

QY 241 CGCATATCTGGGACAGTAGAAGGGCTTCATCATATCAATCAAGCTACAAAGGAAT 300
Db 241 CGCATATCTGGGACAGTAGAAGGGCTTCATCATATCAATCAAGCTACAAAGGAAT 300

QY 301 GGGCTTCTGACCTGGAAGACAGTCAATGGGCAATTTGTAAGCAAACTATCTACA 360
Db 301 GGGCTTCTGACCTGGAAGACAGTCAATGGGCAATTTGTAAGCAAACTATCTACA 360

QY 361 CATCGACAACCAATACATCATAGATGTGGTCTTGAGTCCGTCTCATGGAATGAAC 420
Db 361 CATCGACAACCAATACATCATAGATGTGGTCTTGAGTCCGTCTCATGGAATGAAC 420

QY 421 TCTGTTGGAGAAAGCTTGTCTTAAATTTGTAAGCAAGAACTGAACCTAAATGTGGGAT 480
Db 421 TCTGTTGGAGAAAGCTTGTCTTAAATTTGTAAGCAAGAACTGAACCTAAATGTGGGAT 480

QY 481 GACTTCAATCGGAATACCCCTTCTTGAAGCATCAGCATAAAGAACTTGTAAACCGAG 540
Db 481 GACTTCAATCGGAATACCCCTTCTTGAAGCATCAGCATAAAGAACTTGTAAACCGAG 540

QY 541 CTAACAAACCCAGTCTGGGAGTGAGATGAAGAAATTTTGAGCACCTTAACTATAGAT 600
Db 541 CTAACAAACCCAGTCTGGGAGTGAGATGAAGAAATTTTGAGCACCTTAACTATAGAT 600

QY 601 GTAAACCCGAGTGACCAAGGATTTGACACCTGTGCAGCATCCAGTGGGCTGATGAC 660
Db 601 GTAAACCCGAGTGACCAAGGATTTGACACCTGTGCAGCATCCAGTGGGCTGATGAC 660

QY 661 AAGAACAGCACAATTTGTCAGGGTCCATGAAGAGCAAAACTCACATGCCACCGTGC 720
Db 661 AAGAACAGCACAATTTGTCAGGGTCCATGAAGAGCAAAACTCACATGCCACCGTGC 720

QY 721 CCAGCACTGAACTTCTGGGGGACCGTCACTTCTTCTTCCCGCCAAAACCCAAAGAC 780
Db 721 CCAGCACTGAACTTCTGGGGGACCGTCACTTCTTCTTCCCGCCAAAACCCAAAGAC 780

QY 781 ACCCTCATGATCTCCCGGACCCCTGAGGTCAATGCGTGGTGGAGCTGAGCCAGAA 840
Db 781 ACCCTCATGATCTCCCGGACCCCTGAGGTCAATGCGTGGTGGAGCTGAGCCAGAA 840

QY 841 GACCTGAGGTCAGTTCAAGTTCACTGAGTGGAGCGGTGGAGTGCATAATGCCAAGACA 900
Db 841 GACCTGAGGTCAGTTCAAGTTCACTGAGTGGAGCGGTGGAGTGCATAATGCCAAGACA 900

QY 901 AAGCCGCGGAGGAGCAGTACACACAGCTACCGTGTGGTGTGAGTGTCTCAGCTGTCTC 960
Db 901 AAGCCGCGGAGGAGCAGTACACACAGCTACCGTGTGGTGTGAGTGTCTCAGCTGTCTC 960

QY 961 CACCAGGACTGGCTGAATGCAAGGAGTACAAAGTCAAGGTCTCCAAACAAAGCCCTCCCA 1020
Db 961 CACCAGGACTGGCTGAATGCAAGGAGTACAAAGTCAAGGTCTCCAAACAAAGCCCTCCCA 1020

QY 1021 GCCCCCATCGAGAAACCATCTCTCAAAGCCAAAGGCGCAGCCCCGAGAACACAGGTGTAC 1080
Db 1021 GCCCCCATCGAGAAACCATCTCTCAAAGCCAAAGGCGCAGCCCCGAGAACACAGGTGTAC 1080

QY 1081 ACCCTGCCCCCATCTCCCGGATGAGCTGACCAAGAACACAGGTGAGCTGTCTGCTGTC 1140
Db 1081 ACCCTGCCCCCATCTCCCGGATGAGCTGACCAAGAACACAGGTGAGCTGTCTGCTGTC 1140

QY 1141 AAAGGCTTCTATCCAGCAGCATCGCGTGGAGTGGGAGAGCAATGGCAGCCGAGAAC 1200
Db 1141 AAAGGCTTCTATCCAGCAGCATCGCGTGGAGTGGGAGAGCAATGGCAGCCGAGAAC 1200

QY 1201 AACTACAAGACACCGCTCCCGTGGACTCCGAGGCTCTTCTTCTCTACAGCAAG 1260
Db 1201 AACTACAAGACACCGCTCCCGTGGACTCCGAGGCTCTTCTTCTCTACAGCAAG 1260

QY 1261 CTCAACGCTGCAAGAGCAGGTGGCAGCAGGGAACGCTTCTCATGCTCGGTGATCAT 1320
Db 1261 CTCAACGCTGCAAGAGCAGGTGGCAGCAGGGAACGCTTCTCATGCTCGGTGATCAT 1320

QY 1321 GAGGCTCTGCAACACCTACACGAGAGAGCCCTCTCCCTGTCTCCGGGTAATGA 1377
Db 1321 GAGGCTCTGCAACACCTACACGAGAGAGCCCTCTCCCTGTCTCCGGGTAATGA 1377

RESULT 7
US-10-909-011-3
; Sequence 3, Application US/10909011
; Publication No. US20050112061A1
; GENERAL INFORMATION:
; APPLICANT: Jocelyn Holash
; APPLICANT: George Yancopoulos
; APPLICANT: Phyllis R. Wachsberger
; APPLICANT: Adam P. Dicker
; APPLICANT: Randy Burd
; TITLE OF INVENTION: Use of a VEGF Antagonist in Combination with Radiation Therapy
; FILE REFERENCE: REG 716A
; CURRENT APPLICATION NUMBER: US/10/909,011
; PRIOR FILING DATE: 2004-07-30
; PRIOR APPLICATION NUMBER: 60/492,864
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 1377
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-909-011-3

Query Match 100.0%; Score 1377; DB 22; Length 1377;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1377; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATGCTCAGCTACTGGGACACCGGGTCTGCTGCGCGTGTCTCAGCTGTCTGCTTCTC 60
Db 1 ATGCTCAGCTACTGGGACACCGGGTCTGCTGCGCGTGTCTCAGCTGTCTGCTTCTC 60

QY 61 ACAGGATCTAGTTCGGGAAGTGATACCGGTAGACCTTTTGTAGAGATGTACAGTGAATC 120
Db 61 ACAGGATCTAGTTCGGGAAGTGATACCGGTAGACCTTTTGTAGAGATGTACAGTGAATC 120

QY 121 CCCGAAATTATACATGACTGAAGGAGGAGCTCGTCAATTCCTGCCGGTTACGTCA 180
DB 121 CCCGAAATTATACATGACTGAAGGAGGAGCTCGTCAATTCCTGCCGGTTACGTCA 180
QY 181 CCTAACATCACTGTTACTTTAAAAAGTTTCCACTTGACACTTTGATCCCTGATGGAAA 240
DB 181 CCTAACATCACTGTTACTTTAAAAAGTTTCCACTTGACACTTTGATCCCTGATGGAAA 240
QY 241 CGCATAAATCTGGGACAGTAGAAGGCTTTCATCATATCAAAATGCAACGTACAAAGAAATA 300
DB 241 CGCATAAATCTGGGACAGTAGAAGGCTTTCATCATATCAAAATGCAACGTACAAAGAAATA 300
QY 301 GGGCTTCTGACCTGTGAAGCAACAGTCAATGGGCATTTGTATAAGACAAAATCTATCTACA 360
DB 301 GGGCTTCTGACCTGTGAAGCAACAGTCAATGGGCATTTGTATAAGACAAAATCTATCTACA 360
QY 361 CATCGACAAACCAATACAAATCATAGATGTGTTCTGAGTCCGTCTCATGGAATTTGAACATA 420
DB 361 CATCGACAAACCAATACAAATCATAGATGTGTTCTGAGTCCGTCTCATGGAATTTGAACATA 420
QY 421 TCTGTTGGAGAAAAGCTTGTCTTAAATTTGTACAGCAAGAACTGAACTAAATGTGGGATT 480
DB 421 TCTGTTGGAGAAAAGCTTGTCTTAAATTTGTACAGCAAGAACTGAACTAAATGTGGGATT 480
QY 481 GACTTCAACTGGGAATACCCCTTTCGAAAGCATCAGCATAGCAAACTTTGTAAACCGAGAC 540
DB 481 GACTTCAACTGGGAATACCCCTTTCGAAAGCATCAGCATAGCAAACTTTGTAAACCGAGAC 540
QY 541 CTAAAAACCCAGTCTGGGAGTGAGATGAAGAAATTTTGGACACCTTAACCTATAGATGGT 600
DB 541 CTAAAAACCCAGTCTGGGAGTGAGATGAAGAAATTTTGGACACCTTAACCTATAGATGGT 600
QY 601 GTAAACCCGAGTGACCAAGAGTTGTACACCTGTGTGAGCATCCAGTGGGCTCATGACCAAG 660
DB 601 GTAAACCCGAGTGACCAAGAGTTGTACACCTGTGTGAGCATCCAGTGGGCTCATGACCAAG 660
QY 661 AAGAACAGCACATTTGTCAAGGTTCATGAAAGGACAAAACTCAACATGCCACCCGTGC 720
DB 661 AAGAACAGCACATTTGTCAAGGTTCATGAAAGGACAAAACTCAACATGCCACCCGTGC 720
QY 721 CCAGACACCTGAACCTCTGGGGGACCGTCAGTCTTCTTCCCTCCCAAAACCCAGGAC 780
DB 721 CCAGACACCTGAACCTCTGGGGGACCGTCAGTCTTCTTCCCTCCCAAAACCCAGGAC 780
QY 781 ACCCTCATGATCTCCCGGACCCCTCAGGTCAATCGTGGTGGTGGAGCGTGAGCCACGAA 840
DB 781 ACCCTCATGATCTCCCGGACCCCTCAGGTCAATCGTGGTGGTGGAGCGTGAGCCACGAA 840
QY 841 GACCTGAGGTCAAGTTCAACTGGTACGTGGACCGGTGGAGTGCATAATGCCAAGACA 900
DB 841 GACCTGAGGTCAAGTTCAACTGGTACGTGGACCGGTGGAGTGCATAATGCCAAGACA 900
QY 901 AAGCCGGGAGGAGCAGTACAACAGCAGTACCGTGGTGGTGGTGGTGGTGGTGGTGGTGG 960
DB 901 AAGCCGGGAGGAGCAGTACAACAGCAGTACCGTGGTGGTGGTGGTGGTGGTGGTGGTGG 960
QY 961 CACCAAGGACTGCTGAAATGGCAAGAGTACAAGTGCAGGTTCCCAAAAGCCCTCCCA 1020
DB 961 CACCAAGGACTGCTGAAATGGCAAGAGTACAAGTGCAGGTTCCCAAAAGCCCTCCCA 1020
QY 1021 GCCCCCATCGAGAAAACCATCTCCAAAGCAAAGGCGACGCCCGAGAACCAAGGTGTAC 1080
DB 1021 GCCCCCATCGAGAAAACCATCTCCAAAGCAAAGGCGACGCCCGAGAACCAAGGTGTAC 1080
QY 1081 ACCCTGCCCCATCCCGGATGAGTACCAAGAACCGAGTCCAGCTGACCTGCTGCTGTC 1140
DB 1081 ACCCTGCCCCATCCCGGATGAGTACCAAGAACCGAGTCCAGCTGACCTGCTGCTGTC 1140
QY 1141 AAGGCTTCTATCCAGCAGCATCCCGTGGAGTGGGAGCAATGGGCGAGCCGAGAAC 1200
DB 1141 AAGGCTTCTATCCAGCAGCATCCCGTGGAGTGGGAGCAATGGGCGAGCCGAGAAC 1200
QY 1201 AACTACAAGACCACGCTCCCGTGTGGACTCCGACGGCTCCTTCTTCTTACAGCAAG 1260

DB 1201 AACTACAAGACCACGCTCCCGTGTGGACTCCAGCGCTCCTTCTTCTTACAGCAAG 1260
QY 1261 CTACACCTGGACAAGACAGTGGCAGCAGGGAAACGTCTTCTCATGTCCCGTATGCAAT 1320
DB 1261 CTACACCTGGACAAGACAGTGGCAGCAGGGAAACGTCTTCTCATGCTCCGTATGCAAT 1320
QY 1321 GAGGCTTGACAAACCACTACACGACAGAGCGCTTCCCTGTCTCCGGGTAAATGA 1377
DB 1321 GAGGCTTGACAAACCACTACACGACAGAGCGCTTCCCTGTCTCCGGGTAAATGA 1377
RESULT 8
US-10-988-243-15
; Sequence 15, Application US/10988243
; Publication No. US20050175610A1
; GENERAL INFORMATION:
; APPLICANT: Wiegand, Stanley
; APPLICANT: Papadopoulos, Nicholas J.
; APPLICANT: Yancopoulos, George
; TITLE OF INVENTION: Modified Chimeric Polypeptides with Improved Pharmacokinetic Properties
; TITLE OF INVENTION: and Methods of Making and Using Thereof
; FILE REFERENCE: REG 710F
; CURRENT APPLICATION NUMBER: US/10/988,243
; CURRENT FILING DATE: 2004-11-12
; PRIOR APPLICATION NUMBER: 10/009,852
; PRIOR FILING DATE: 2001-12-06
; PRIOR APPLICATION NUMBER: PCT/US00/14142
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 60/138,133
; PRIOR FILING DATE: 1999-06-08
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 1377
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-988-243-15
Query Match 100.0%; Score 1377; DB 24; Length 1377;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1377; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 ATGTGTCAGCTACTCGGACACCGGGTCTCTGTGTGCGCGTCTCAGCTGTCTGCTTCTC 60
DB 1 ATGTGTCAGCTACTCGGACACCGGGTCTCTGTGTGCGCGTCTCAGCTGTCTGCTTCTC 60
QY 61 ACAGGATCTAGTTCGGGAGTGATACCGGTAGACCTTTCGTAGAGATGTACAGTGAATC 120
DB 61 ACAGGATCTAGTTCGGGAGTGATACCGGTAGACCTTTCGTAGAGATGTACAGTGAATC 120
QY 121 CCCGAAATTATACATGACTGAAGGAGGAGCTCGTCAATTCCTGCCGGTTACGTCA 180
DB 121 CCCGAAATTATACATGACTGAAGGAGGAGCTCGTCAATTCCTGCCGGTTACGTCA 180
QY 181 CCTAACATCACTGTTACTTTAAAAAGTTTCCACTTGACACTTTGATCCCTGATGGAAA 240
DB 181 CCTAACATCACTGTTACTTTAAAAAGTTTCCACTTGACACTTTGATCCCTGATGGAAA 240
QY 241 CGCATAAATCTGGGACAGTAGAAGGCTTTCATCATATCAAAATGCAACGTACAAAGAAATA 300
DB 241 CGCATAAATCTGGGACAGTAGAAGGCTTTCATCATATCAAAATGCAACGTACAAAGAAATA 300
QY 301 GGGCTTCTGACCTGTGAAGCAACAGTCAATGGGCATTTGTATAAGACAAAATCTATCTACA 360
DB 301 GGGCTTCTGACCTGTGAAGCAACAGTCAATGGGCATTTGTATAAGACAAAATCTATCTACA 360
QY 361 CATCGACAAACCAATACAAATCATAGATGTGTTCTGAGTCCGTCTCATGGAATTTGAACATA 420
DB 361 CATCGACAAACCAATACAAATCATAGATGTGTTCTGAGTCCGTCTCATGGAATTTGAACATA 420
QY 421 TCTGTTGGAGAAAAGCTTGTCTTAAATTTGTACAGCAAGAACTGAACTAAATGTGGGATT 480


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781  ACCCTCATGATCTCCCGACCCCTGAGGTACATGCGTGGTGGAGCGTGAGCCAGAA 840
QY  GACCTGAGGTCAAGTTCACCTGTGAGTGACGCGCGTGGAGGTGCATAATGCCAAGACA 900
Db  GACCTGAGGTCAAGTTCACCTGTGAGTGACGCGCGTGGAGGTGCATAATGCCAAGACA 900
QY  AAGCCGGGGAGGAGCAGTACAAACAGCAGCAGTACCGTGTGGTGCAGCGTCTCACCGTCTG 960
Db  AAGCCGGGGAGGAGCAGTACAAACAGCAGCAGTACCGTGTGGTGCAGCGTCTCACCGTCTG 960
QY  CACCAGAGCTGGCTGAATGGCAAGAGTACAAAGTGCAGCGTACCGTGTGGTGCAGCGTCTCCCA 1020
Db  CACCAGAGCTGGCTGAATGGCAAGAGTACAAAGTGCAGCGTACCGTGTGGTGCAGCGTCTCCCA 1020
QY  GCCCCCATCGAGAAACCATCTCCAAAGCCAAAGCGGAGCCCGAGAACACACAGCGTGTAC 1080
Db  GCCCCCATCGAGAAACCATCTCCAAAGCCAAAGCGGAGCCCGAGAACACACAGCGTGTAC 1080
QY  ACCCTGCCCCCATCCCGGATGAGTGCACCAAGAACAGGTGAGCGTGCAGCGTCTGGTC 1140
Db  ACCCTGCCCCCATCCCGGATGAGTGCACCAAGAACAGGTGAGCGTGCAGCGTCTGGTC 1140
QY  AAAGGCTTCTATCCAGGGAATCGCCGTGAGTGGAGAGCAATGGGAGCCCGGAGAAC 1200
Db  AAAGGCTTCTATCCAGGGAATCGCCGTGAGTGGAGAGCAATGGGAGCCCGGAGAAC 1200
QY  AACTACAGACCAAGCGCTCCCGTGTGAGTCCGACGCGTCTCTTCCTCTACAGCAAG 1260
Db  AACTACAGACCAAGCGCTCCCGTGTGAGTCCGACGCGTCTCTTCCTCTACAGCAAG 1260
QY  CTCACCGTGGACAAGAGCAGGTGGCAGCAGGGGAACGTCTTCTCATGCTCCGTCATGCAT 1320
Db  CTCACCGTGGACAAGAGCAGGTGGCAGCAGGGGAACGTCTTCTCATGCTCCGTCATGCAT 1320
QY  GAGGCTCTGCAACCACTACACGAGAGAGCGCTCTCCCTGTCTCCGGGTAAATGA 1377
Db  GAGGCTCTGCAACCACTACACGAGAGAGCGCTCTCCCTGTCTCCGGGTAAATGA 1377

RESULT 10
US-11-016-097-15
; Sequence 15, Application US/11016097
; Publication No. US20050163798A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas J. Papadopoulos et al.
; TITLE OF INVENTION: MODIFIED CHIMERIC POLYPEPTIDES WITH IMPROVED
; TITLE OF INVENTION: PHARMACOKINETIC PROPERTIES AND METHODS OF MAKING
; FILE REFERENCE: REG 710-A-US
; CURRENT APPLICATION NUMBER: US/11/016,097
; CURRENT FILING DATE: 2004-12-17
; PRIOR APPLICATION NUMBER: US/10/009,852
; PRIOR FILING DATE: 2001-12-06
; PRIOR APPLICATION NUMBER: PCT/US00/14142
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 60/138,133
; PRIOR FILING DATE: 1999-06-08
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 15
; LENGTH: 1377
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)...(1374)
US-11-016-097-15
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Query Match 100.0%; Score 1377; DB 26; Length 1377;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1377; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 1 ATGGTCAGCTACTGGGACACCCGGGGTCTCTGCTGTGGCGCTGCTCAGCTGCTGCTTCTC 60
Db 1 ATGGTCAGCTACTGGGACACCCGGGGTCTCTGCTGTGGCGCTGCTCAGCTGCTGCTTCTC 60
QY 61 ACAGGATCTAGTTCGCGAGTGTATCCGCTAGACCTTTTCGTAGAGATGTACAGTGAATC 120
Db 61 ACAGGATCTAGTTCGCGAGTGTATCCGCTAGACCTTTTCGTAGAGATGTACAGTGAATC 120
QY 121 CCGGAAATATACACATGACTGAAGGAAGGAGCTCGTCAATCCCTGSCGGGTACGTCA 180
Db 121 CCGGAAATATACACATGACTGAAGGAAGGAGCTCGTCAATCCCTGSCGGGTACGTCA 180
QY 181 CTTAAATCATCTGTTACTTTAAAAAGTTTCCACTTGACACTTTTGATCCCTGATGGAATA 240
Db 181 CTTAAATCATCTGTTACTTTAAAAAGTTTCCACTTGACACTTTTGATCCCTGATGGAATA 240
QY 241 CGCATATCTGGGACAGTAGAAAGGCTTCATCATATCAAAATGCAAGTCAAAAGAAATA 300
Db 241 CGCATATCTGGGACAGTAGAAAGGCTTCATCATATCAAAATGCAAGTCAAAAGAAATA 300
QY 301 GGGCTTCTGACCTGTGAAGCAACAGTCAATGGGCATTTGTATAGACAAACTATCTCACA 360
Db 301 GGGCTTCTGACCTGTGAAGCAACAGTCAATGGGCATTTGTATAGACAAACTATCTCACA 360
QY 361 CATCGAATAACCAATCATATGATGTTGTTGAGTCCGCTCATGGAATGAACTA 420
Db 361 CATCGAATAACCAATCATATGATGTTGTTGAGTCCGCTCATGGAATGAACTA 420
QY 421 TCTGTTGGAGAAAGCTTGTCTTAAATTTGACAGCAAGAACTGAACTTAAATGTGGGATT 480
Db 421 TCTGTTGGAGAAAGCTTGTCTTAAATTTGACAGCAAGAACTGAACTTAAATGTGGGATT 480
QY 481 GACTTCAACTGGGAATACCTCTTTCGAAGCATCAGCATAGAAACTTGTAAACCGAGAC 540
Db 481 GACTTCAACTGGGAATACCTCTTTCGAAGCATCAGCATAGAAACTTGTAAACCGAGAC 540
QY 541 CTAAAAACCCAGTCTGGGAGTGAAGAAATTTTGTGAGCACCCTTAACTATATAGATGGT 600
Db 541 CTAAAAACCCAGTCTGGGAGTGAAGAAATTTTGTGAGCACCCTTAACTATATAGATGGT 600
QY 601 GTAAACCCGGAGTGACCAAGGATTTGTACACCTGTGACAGTCCAGTGGGCTGATGCCAAG 660
Db 601 GTAAACCCGGAGTGACCAAGGATTTGTACACCTGTGACAGTCCAGTGGGCTGATGCCAAG 660
QY 661 AAGAACAGCAGCATTTGTGAGGTCATGAAAGGACAAAACTCACACATGCCACCGTGC 720
Db 661 AAGAACAGCAGCATTTGTGAGGTCATGAAAGGACAAAACTCACACATGCCACCGTGC 720
QY 721 CCAGCACCTGAACTCTCCGGGGGACCGTCAAGTCTTCTCTTCCCGCCCAAAACCCAGGAC 780
Db 721 CCAGCACCTGAACTCTCCGGGGGACCGTCAAGTCTTCTCTTCCCGCCCAAAACCCAGGAC 780
QY 781 ACCCTCATGATCTCCCGGACCCCTGAGGTACATGCGTGGTGGTGGAGCGTGAGCCAGAA 840
Db 781 ACCCTCATGATCTCCCGGACCCCTGAGGTACATGCGTGGTGGTGGAGCGTGAGCCAGAA 840
QY 841 GACCTTGAGTCAAGTTCAACTGGTACGCGTGGAGGTGAGTGCATATGCCAAGACA 900
Db 841 GACCTTGAGTCAAGTTCAACTGGTACGCGTGGAGGTGAGTGCATATGCCAAGACA 900
QY 901 AAGCCGGGGAGGAGCAGTACAAACAGCAGTACCGTGTGGTGCAGCGTCTCACCGTCTG 960
Db 901 AAGCCGGGGAGGAGCAGTACAAACAGCAGTACCGTGTGGTGCAGCGTCTCACCGTCTG 960
QY 961 CACCAGAGCTGGCTGAATGGCAAGAGTACAAAGTGCAGCGTACCGTGTGGTGCAGCGTCTCCCA 1020
Db 961 CACCAGAGCTGGCTGAATGGCAAGAGTACAAAGTGCAGCGTACCGTGTGGTGCAGCGTCTCCCA 1020
QY 1021 GCCCCCATCGAGAAACCATCTCCAAAGCCAAAGCGGAGCCCGAGAACACACAGCGTGTAC 1080
Db 1021 GCCCCCATCGAGAAACCATCTCCAAAGCCAAAGCGGAGCCCGAGAACACACAGCGTGTAC 1080
QY 1081 ACCCTGCCCCCATCCCGGATGAGTGCACCAAGAACAGGTGAGCGTGCAGCGTCTGGTC 1140
Db 1081 ACCCTGCCCCCATCCCGGATGAGTGCACCAAGAACAGGTGAGCGTGCAGCGTCTGGTC 1140
QY 1141 AAAGGCTTCTATCCAGGGAATCGCCGTGAGTGGAGAGCAATGGGAGCCCGGAGAAC 1200
Db 1141 AAAGGCTTCTATCCAGGGAATCGCCGTGAGTGGAGAGCAATGGGAGCCCGGAGAAC 1200
QY 1201 AACTACAGACCAAGCGCTCCCGTGTGAGTCCGACGCGTCTCTTCCTCTACAGCAAG 1260
Db 1201 AACTACAGACCAAGCGCTCCCGTGTGAGTCCGACGCGTCTCTTCCTCTACAGCAAG 1260
QY 1261 CTCACCGTGGACAAGAGCAGGTGGCAGCAGGGGAACGTCTTCTCATGCTCCGTCATGCAT 1320
Db 1261 CTCACCGTGGACAAGAGCAGGTGGCAGCAGGGGAACGTCTTCTCATGCTCCGTCATGCAT 1320
QY 1321 GAGGCTCTGCAACCACTACACGAGAGAGCGCTCTCCCTGTCTCCGGGTAAATGA 1377
Db 1321 GAGGCTCTGCAACCACTACACGAGAGAGCGCTCTCCCTGTCTCCGGGTAAATGA 1377
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; GENERAL INFORMATION:
; APPLICANT: Xia, Yu-Ping et al.
; TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES
; FILE REFERENCE: REG 710b
; CURRENT APPLICATION NUMBER: US/09/773,877A
; PRIORITY FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 21
; LENGTH: 1453
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: F1t1D2.F1k1D3.FcdeltaC1(a)Receptor
; NAME/KEY: CDS
; LOCATION: (69)..(1442)
US-09-773-877A-21

Query Match          96.5%; Score 1328.4; DB 10; Length 1453;
Best Local Similarity 98.6%; Pred. No. 0;
Matches 1367; Conservative 0; Mismatches 1; Indels 18; Gaps 2;

Qy      1  ATGTCAGCTACTGGGACACCGGGTCTGCTGTGCGCGCTGCTCAGCTGCTCTCTC 60
Db      69  ATGTCAGCTACTGGGACACCGGGTCTGCTGTGCGCGCTGCTCAGCTGCTCTCTC 128

Qy      61  ACAGATCTAGTTCGGGAAGTGATACCGGTAGACCTTTTCGTAGAGATGACAGTGAATC 120
Db      129  ACAGATCTAGTTCGGGAAGTGATACCGGTAGACCTTTTCGTAGAGATGACAGTGAATC 179

Qy      121  CCCGAAATATACATGACTGAAGGAAGGAGCTGCTCATTCCTGCGCGGTTACGTC 180
Db      180  CCCGAAATATACATGACTGAAGGAAGGAGCTGCTCATTCCTGCGCGGTTACGTC 239

Qy      181  CCTAACATCTGTTACTTTAAAAAGTTTCCACTTGACCTTTGATCCCTGATGGA 240
Db      240  CCTAACATCTGTTACTTTAAAAAGTTTCCACTTGACCTTTGATCCCTGATGGA 299

Qy      241  CGCATAACTGGGACAGTAGAAGGCTTCATCATATCAAAATGCAAGCTACAAAGAA 300
Db      300  CGCATAACTGGGACAGTAGAAGGCTTCATCATATCAAAATGCAAGCTACAAAGAA 359

Qy      301  GGGCTTCTGACCTGTGAAGCAACAGTCAATGGGCAATTTGTATAAGACAAACTATCT 360
Db      360  GGGCTTCTGACCTGTGAAGCAACAGTCAATGGGCAATTTGTATAAGACAAACTATCT 419

Qy      361  CATCGACAAACCAATACATATAGATGTTGTTCTGAGTCGCTCTCATGGAATGA 420
Db      420  CATCGACAAACCAATACATATAGATGTTGTTCTGAGTCGCTCTCATGGAATGA 479

Qy      421  TCTGTTGGAGAAAGCTTGTCTTAAATTTGACAGCAAGCACTGAATTAATGTGGG 480
Db      480  TCTGTTGGAGAAAGCTTGTCTTAAATTTGACAGCAAGCACTGAATTAATGTGGG 539

Qy      481  GACTTCAACTGGGAATACCTTCTTCGAAGCATCAGCATAGAAACTTTGTAACCGG 540
Db      540  GACTTCAACTGGGAATACCTTCTTCGAAGCATCAGCATAGAAACTTTGTAACCGG 599

Qy      541  CTAACAAACCCAGCTCTGGGAGTGAGATGAAGAAATTTTGGACACCTTAATATAG 600
Db      600  CTAACAAACCCAGCTCTGGGAGTGAGATGAAGAAATTTTGGACACCTTAATATAG 659

Qy      601  GTAACCCGGAGTGACCAAGGATTTGACACCTGTGAGCATCCAGTGGGCTGATGAC 660
Db      660  GTAACCCGGAGTGACCAAGGATTTGACACCTGTGAGCATCCAGTGGGCTGATGAC 719

Qy      661  AAGAACAGACACATTTTGTGAGGTCCTCAATGAAAG-----GACAAACTCAC 711
Db      720  AAGAACAGACACATTTTGTGAGGTCCTCAATGAAAGGCGCCCGGCGACAAACTCAC 779

Qy      712  CCACCGTGCACGACCTGAACTCTGGGGGACCGTCACTGCTTCTTCTTCCCCCA 771
Db      780  CCACCGTGCACGACCTGAACTCTGGGGGACCGTCACTGCTTCTTCTTCCCCCA 839
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Qy      772  CCCAAGGACACCTCATGATCTCCCGGACCCCTGAGTGCATGCGTGGTGGTGGACGTG 831
Db      840  CCCAAGGACACCTCATGATCTCCCGGACCCCTGAGTGCATGCGTGGTGGTGGACGTG 899

Qy      832  AGCCACGAAGACCTGAGGTCAAGTTTCAATGTTGAGTGGAGCGGCTGGAGGTGCATAAT 891
Db      900  AGCCACGAAGACCTGAGGTCAAGTTTCAATGTTGAGTGGAGCGGCTGGAGGTGCATAAT 959

Qy      892  GCCAAGACAAAGCCGCGGAGGAGCAGTACAAACAGCAGTACCGTGTGGTGGTGGTGGT 951
Db      960  GCCAAGACAAAGCCGCGGAGGAGCAGTACAAACAGCAGTACCGTGTGGTGGTGGTGGT 1019

Qy      952  ACCGTCTCTGCACCAAGGACTGGTGAATGGCAAGGAGTACAAGTGCAGAGGTCTCCAA 1011
Db      1020  ACCGTCTCTGCACCAAGGACTGGTGAATGGCAAGGAGTACAAGTGCAGAGGTCTCCAA 1079

Qy      1012  GCCCTCCAGCGCCCATCGAGAAACCATCTCCAAAGCCAAAGGCGAGCCCGGAGAACCA 1071
Db      1080  GCCCTCCAGCGCCCATCGAGAAACCATCTCCAAAGCCAAAGGCGAGCCCGGAGAACCA 1139

Qy      1072  CAGGTGTACACCTGCGCCCATCCCGGATGAGCTGACCAAGAACAGGTGAGCTGACCC 1131
Db      1140  CAGGTGTACACCTGCGCCCATCCCGGATGAGCTGACCAAGAACAGGTGAGCTGACCC 1199

Qy      1132  TGCCTGTCTAAAGCTTCTATCCAGCGCATCCCGTGGAGTGGGAGAGCAATGGGCGAG 1191
Db      1200  TGCCTGTCTAAAGCTTCTATCCAGCGCATCCCGTGGAGTGGGAGAGCAATGGGCGAG 1259

Qy      1192  CCGGAGAAACACTACAGACCGCTCCCGTGTGAGTCCGAGCGGCTCTCTCTCTCTCT 1251
Db      1260  CCGGAGAAACACTACAGACCGCTCCCGTGTGAGTCCGAGCGGCTCTCTCTCTCTCT 1319

Qy      1252  TACAGCAAGCTCACCGTGGGCAAGAGCAGGTGGGAGGAGGAGGAGGAGGAGGAGGAG 1311
Db      1320  TATAGCAAGCTCACCGTGGGCAAGAGCAGGTGGGAGGAGGAGGAGGAGGAGGAGGAG 1379

Qy      1312  GTGATGATGAGGCTGTGCAACCACTACACGAGAGGAGGAGGAGGAGGAGGAGGAGG 1371
Db      1380  GTGATGATGAGGCTGTGCAACCACTACACGAGAGGAGGAGGAGGAGGAGGAGGAGG 1439

Qy      1372  AAATGA 1377
Db      1440  AAATGA 1445
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RESULT 13

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; Sequence 7, Application US/10609775
; Publication No. US20040014667A1
; GENERAL INFORMATION:
; APPLICANT: Thomas J. Daly
; APPLICANT: James P. Pandl
; APPLICANT: Nicholas J. Papadopoulos
; TITLE OF INVENTION: VEGF TRAPS AND THERAPEUTIC USES THEREOF
; FILE REFERENCE: REG 710D
; CURRENT APPLICATION NUMBER: US/10/609,775
; PRIORITY FILING DATE: 2003-06-30
; PRIOR APPLICATION NUMBER: 10/009,852
; PRIOR FILING DATE: 2001-12-06
; PRIOR APPLICATION NUMBER: PCT/US00/14142
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 60/138,133
; PRIOR FILING DATE: 1999-06-08
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7
; LENGTH: 1453
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-609-775-7
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Query Match 96.5%; Score 1328.4; DB 18; Length 1453;

QY 301 GGGCTTCTGACCTGTGAAGCAACAGTCAATGGGCAATTTGTATAAGACAAACTATCTCACA 360
DB 360 GGGCTTCTGACCTGTGAAGCAACAGTCAATGGGCAATTTGTATAAGACAAACTATCTCACA 419
QY 361 CATGACAAACCAATACAAATCATAGATGTGTTCTGAGTCGCTCATGGAATTTGAACCTA 420
DB 420 CATGACAAACCAATACAAATCATAGATGTGTTCTGAGTCGCTCATGGAATTTGAACCTA 479
QY 421 TCTGTTGAGAAAAGCTTGTCTTAAATTTGTACAGCAAGAACTGAACTAAATTTGGGGATT 480
DB 480 TCTGTTGAGAAAAGCTTGTCTTAAATTTGTACAGCAAGAACTGAACTAAATTTGGGGATT 539
QY 481 GACTTCAACTGGGAATACCTTCTTCGAAGCATGAGCATAGAAACTTTGTAACCGAGAC 540
DB 540 GACTTCAACTGGGAATACCTTCTTCGAAGCATGAGCATAGAAACTTTGTAACCGAGAC 599
QY 541 CTAAAAACCCAGTCTGGGAGTGAGATGAAGAAATTTTGGACACCTTAACCTATAGATGGT 600
DB 600 CTAAAAACCCAGTCTGGGAGTGAGATGAAGAAATTTTGGACACCTTAACCTATAGATGGT 659
QY 601 GTAAACCCGAGTGACCAAGGATTTGTACACCTGTGAGCATCCAGTGGGCTGATGACCAAG 660
DB 660 GTAAACCCGAGTGACCAAGGATTTGTACACCTGTGAGCATCCAGTGGGCTGATGACCAAG 719
QY 661 AAGAACAGACATTTGTGAGGTCATGAAAG-----GACAAACTCACACATGC 711
DB 720 AAGAACAGACATTTGTGAGGTCATGAAAGGGCCCGGCGACAAAACTCACACATGC 779
QY 712 CCACGGTCCGAGACCTGAACTCTGGGGGACCGTCAAGTCTTCTTCTTCCCCCAAAA 771
DB 780 CCACGGTCCGAGACCTGAACTCTGGGGGACCGTCAAGTCTTCTTCTTCCCCCAAAA 839
QY 772 CCCAAGGACACCTCATGATCTCCCGGACCCCTGAGGTCACATGGTGGTGGTGGACGTG 831
DB 840 CCCAAGGACACCTCATGATCTCCCGGACCCCTGAGGTCACATGGTGGTGGTGGACGTG 899
QY 832 AGCCACGAAACCTTGAGGTCAAGTTCAATGGTACGTGGACGCGGTGGAGGTGCATAAT 891
DB 900 AGCCACGAAACCTTGAGGTCAAGTTCAATGGTACGTGGACGCGGTGGAGGTGCATAAT 959
QY 892 GCCAAGACAAAGCCGGGAGGAGCAGTACACAGCAGTACCGTGGTGGTGGTGGTGGTGGT 951
DB 960 GCCAAGACAAAGCCGGGAGGAGCAGTACACAGCAGTACCGTGGTGGTGGTGGTGGTGGT 1019
QY 952 ACCGTCTCTGACCCAGGACTGGCTGAATGGCAAGAGTACAAAGTCAAGGTCTTCCAAACAA 1011
DB 1020 ACCGTCTCTGACCCAGGACTGGCTGAATGGCAAGAGTACAAAGTCAAGGTCTTCCAAACAA 1079
QY 1012 GCCCTCCAGCCGCCCATCGAGAAACCATCTCCAAAGCCAAAGGCGACGCCCGGAGAACCA 1071
DB 1080 GCCCTCCAGCCGCCCATCGAGAAACCATCTCCAAAGCCAAAGGCGACGCCCGGAGAACCA 1139
QY 1072 CAGGTGTACACCTGCCCCCATCCCGGATGAGTGCACCAAGAACCAAGTCAAGCTGACC 1131
DB 1140 CAGGTGTACACCTGCCCCCATCCCGGATGAGTGCACCAAGAACCAAGTCAAGCTGACC 1199
QY 1132 TGCTGGTCAAAAGGCTTCTATCCAGCGACATCGCGGTGGAGTGGAGAGCAATGGGCGAG 1191
DB 1200 TGCTGGTCAAAAGGCTTCTATCCAGCGACATCGCGGTGGAGTGGAGAGCAATGGGCGAG 1259
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QY 1252 TACAGCAAGCTCACCGTGGACAAGAGCAGGTGGAGAGGAGGAGAGGAGTCTTCTCATGCTCC 1311
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QY 1312 GTGATGCATGAGGCTCTGCACAAACCACTACACGCAAGAGAGCCTCTCCCTGTCTCCGGGT 1371
DB 1380 GTGATGCATGAGGCTCTGCACAAACCACTACACGCAAGAGAGCCTCTCCCTGTCTCCGGGT 1439
QY 1372 AAATGA 1377

DB 1440 AAATGA 1445
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US-10-909-011-1
; Sequence 1, Application US/10909011
; Publication No. US20050112061A1
; GENERAL INFORMATION:
; APPLICANT: Jocelyn Holash
; APPLICANT: George Yancopoulos
; APPLICANT: Phyllis R. Wachseberger
; APPLICANT: Adam P. Dicker
; APPLICANT: Randy Burd
; TITLE OF INVENTION: Use of a VEGF Antagonist in Combination with Radiation Therapy
; FILE REFERENCE: REG 716A
; CURRENT APPLICATION NUMBER: US/10/909,011
; CURRENT FILING DATE: 2004-07-30
; PRIOR APPLICATION NUMBER: 60/492,864
; PRIOR FILING DATE: 2003-08-06
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 1453
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-909-011-1
Query Match 96.5%; Score 1328.4; DB 22; Length 1453;
Best Local Similarity 98.6%; Pred. No. 0;
Matches 1367; Conservative 0; Mismatches 1; Indels 18; Gaps 2;
QY 1 ATGTCTGAGCTACTCGGACACCGGGGTCTGCTGTGCGCGTCTGCTCAGCTGTCTGCTTCTC 60
DB 69 ATGTCTGAGCTACTCGGACACCGGGGTCTGCTGTGCGCGTCTGCTCAGCTGTCTGCTTCTC 128
QY 61 ACAGGATCTAGTTCGCGAAGTGATACCGGTAGACCTTTCGTAGAGATGTACAGTGAATC 120
DB 129 ACAGGATCTAGTTCGCGA-----GGTAGACCTTTCGTAGAGATGTACAGTGAATC 179
QY 121 CCCCAGAAATTATACACATGACTGAAGGAGGAGCTCGTCAATTCCTGCGCGGTACGTCA 180
DB 180 CCCCAGAAATTATACACATGACTGAAGGAGGAGCTCGTCAATTCCTGCGCGGTACGTCA 239
QY 181 CCTAACATCACTGTTACTTTAAAAAAGTTTCCACTTGACACTTTTGTATGATGGGAAA 240
DB 240 CCTAACATCACTGTTACTTTAAAAAAGTTTCCACTTGACACTTTTGTATGATGGGAAA 299
QY 241 CGCATATCTGGGACAGTAGAAGGGCTTCATCATATCAATGCAACGTACAAAGAAATA 300
DB 300 CGCATATCTGGGACAGTAGAAGGGCTTCATCATATCAATGCAACGTACAAAGAAATA 359
QY 301 GGGCTTCTGACCTGTGAAGCAACAGTCAATGGGCAATTTGTATAAGACAAACTATCTCACA 360
DB 360 GGGCTTCTGACCTGTGAAGCAACAGTCAATGGGCAATTTGTATAAGACAAACTATCTCACA 419
QY 361 CATCGACAAACCAATACAAATCATAGATGTGTTCTGAGTCGCTCTCATGGAATTTGAACCTA 420
DB 420 CATCGACAAACCAATACAAATCATAGATGTGTTCTGAGTCGCTCTCATGGAATTTGAACCTA 479
QY 421 TCTGTTGAGAAAAGCTTGTCTTAAATTTGTACAGCAAGAACTGAACTAAATTTGGGGATT 480
DB 480 TCTGTTGAGAAAAGCTTGTCTTAAATTTGTACAGCAAGAACTGAACTAAATTTGGGGATT 539
QY 481 GACTTCAACTGGGAATACCTTCTTCGAAGCATCAGCATAGAAACTTTGTAACCGAGAC 540
DB 540 GACTTCAACTGGGAATACCTTCTTCGAAGCATCAGCATAGAAACTTTGTAACCGAGAC 599
QY 541 CTAAAAACCCAGTCTGGGAGTGAGATGAAGAAATTTTGGACACCTTAACCTATAGATGGT 600
DB 600 CTAAAAACCCAGTCTGGGAGTGAGATGAAGAAATTTTGGACACCTTAACCTATAGATGGT 659
QY 601 GTAAACCCGAGTGACCAAGGATTTGTACACCTGTGAGCATCCAGTGGGCTGATGACCAAG 660

Db	660		GTAAACCGGAGTGAACCAAGGATTTGTACACCTGTGCAGCATCCAGTGGGCTGATGACCAAG	719
Qy	661		AAGAAACAGACATTTGTTCAGGGTCCATGAAAG-----GACAAACTCACAATGC	711
Db	720		AAGAAACAGACATTTGTTCAGGGTCCATGAAAGGCCCGGGCGACAAAACCTCACATGC	779
Qy	712		CCACCGTGCCAGCACCTGAATCTCTGGGGGACCGTCAGTCTTCCCTTCCGCCCAAAA	771
Db	780		CCACCGTGCCAGCACCTGAATCTCTGGGGGACCGTCAGTCTTCCCTTCCGCCCAAAA	839
Qy	772		CCCAAGGACACCTCATGATCTCCGGGACCCCTGAGGTCAATCGCTGGTGGTGGACGTG	831
Db	840		CCCAAGGACACCTCATGATCTCCGGGACCCCTGAGGTCAATCGCTGGTGGTGGACGTG	899
Qy	832		AGCCACGAGAACCTGAGTCAAGTTCAACTGTGTAACGTGGAACGGCTGGAGGTGCATAAT	891
Db	900		AGCCACGAGAACCTGAGTCAAGTTCAACTGTGTAACGTGGAACGGCTGGAGGTGCATAAT	959
Qy	892		GCCAAAGACAAAGCCGGGAGGAGCAGTACAACAGCACGTACCGTGTGGTCAGCGTCCCTC	951
Db	960		GCCAAAGACAAAGCCGGGAGGAGCAGTACAACAGCACGTACCGTGTGGTCAGCGTCCCTC	1019
Qy	952		ACCGTCTCTGCACCGAGACTGGCTGAATGGCAAGGAGTACAAGTGCAAGGTCTCCAACAAA	1011
Db	1020		ACCGTCTCTGCACCGAGACTGGCTGAATGGCAAGGAGTACAAGTGCAAGGTCTCCAACAAA	1079
Qy	1012		GCCTCTCCAGCCCCCATCGAGAAAACCATCTCCAAGCCAAAGGGCAGCCCCGAGAACCA	1071
Db	1080		GCCTCTCCAGCCCCCATCGAGAAAACCATCTCCAAGCCAAAGGGCAGCCCCGAGAACCA	1139
Qy	1072		CAGGTGTACACCTGCCCCCATCCCGGGATGAGCTGACCAAGACACAGGTACGCTGACC	1131
Db	1140		CAGGTGTACACCTGCCCCCATCCCGGGATGAGCTGACCAAGACACAGGTACGCTGACC	1199
Qy	1132		TGCCTGGTCAAAGGCTTCTATCCAGCGACATCCGCGTGGAGTGGGAGCAATGGGCGAG	1191
Db	1200		TGCCTGGTCAAAGGCTTCTATCCAGCGACATCCGCGTGGAGTGGGAGCAATGGGCGAG	1259
Qy	1192		CCGGAGAACAACTACAAGACACGCTCCGCTGTGGACTCCGACGGCTCCTTTCTCCTC	1251
Db	1260		CCGGAGAACAACTACAAGACACGCTCCGCTGTGGACTCCGACGGCTCCTTTCTCCTC	1319
Qy	1252		TACAGCAAGCTCACCGTGGACAAAGACAGTGGCAGCAGGGGAAACGTCTTCTCATGCTCC	1311
Db	1320		TATAGCAAGCTCACCGTGGACAAAGACAGTGGCAGCAGGGGAAACGTCTTCTCATGCTCC	1379
Qy	1312		GTGATGCATGAGGCTCTGCACAAACACTACACGAGAGAGCCTCTCCCTGTCTCCGGGT	1371
Db	1380		GTGATGCATGAGGCTCTGCACAAACACTACACGAGAGAGCCTCTCCCTGTCTCCGGGT	1439
Qy	1372		AAATGA 1377	
Db	1440		AAATGA 1445	

Search completed: November 10, 2005, 12:05:51
Job time : 834 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: November 2, 2005, 21:00:41 ; Search time 25 Seconds
(without alignments)
1367.571 Million cell updates/sec

Title: US-10-009-852-16
Perfect score: 2437
Sequence: 1 MVS YWDTGVLLCALLSCLLL.....MHEALNHVYTKSLSPGK 458

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents AA:*
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2: /cgn2_6/ptodata/1/iaa/5B-COMB.pep.*
3: /cgn2_6/ptodata/1/iaa/6A-COMB.pep.*
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5: /cgn2_6/ptodata/1/iaa/PCTUS-COMB.pep.*
6: /cgn2_6/ptodata/1/iaa/backfiles1.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	2437	100.0	458	4	US-09-773-877B-26
2	2399	98.4	458	4	US-09-773-877B-22
3	2261	92.8	431	4	US-09-773-877B-27
4	2069.5	84.9	455	4	US-09-773-877B-24
5	2049	84.1	462	4	US-09-773-877B-18
6	2038	83.6	452	4	US-09-773-877B-16
7	2015.5	82.7	567	4	US-09-773-877B-20
8	2014.5	82.7	567	4	US-09-773-877B-12
9	2003.5	82.2	557	4	US-09-773-877B-14
10	1304	53.5	680	3	US-08-227-496C-15
11	1280	52.5	497	4	US-09-499-846-6
12	1279.5	52.5	622	4	US-09-499-846-2
13	1275.5	52.3	910	4	US-09-313-942-28
14	1274.5	52.3	525	4	US-09-499-846-4
15	1269.5	52.1	488	4	US-09-499-846-12
16	1269	52.1	388	3	US-09-131-247-16
17	1269	52.1	388	4	US-09-784-623-16
18	1265	51.9	347	1	US-07-940-861-43
19	1265	51.9	347	1	US-08-459-512-43
20	1265	51.9	347	2	US-08-459-657-43
21	1265	51.9	347	2	US-08-460-132-43
22	1265	51.9	347	3	US-08-466-465-8
23	1265	51.9	347	4	US-09-730-465-8
24	1265	51.9	347	5	PCT-US92-02050-43
25	1265	51.9	497	4	US-09-499-846-10
26	1261	51.7	459	1	US-08-157-101A-7
27	1259.5	51.7	525	4	US-09-499-846-8

28	1256	51.5	475	4	US-09-740-002-25	Sequence 25, Appl
29	1254.5	51.5	547	4	US-09-746-359A-54	Sequence 53, Appl
30	1254.5	51.5	571	4	US-09-746-359A-53	Sequence 54, Appl
31	1254.5	51.5	691	4	US-09-313-942-20	Sequence 20, Appl
32	1254.5	51.5	694	4	US-09-313-942-22	Sequence 22, Appl
33	1253.5	51.4	387	1	US-08-470-299-4	Sequence 4, Appl
34	1253.5	51.4	437	5	PCT-US96-10043-11	Sequence 11, Appl
35	1253.5	51.4	704	4	US-09-590-656-2	Sequence 2, Appl
36	1253.5	51.4	704	4	US-09-733-764-2	Sequence 2, Appl
37	1252.5	51.4	450	4	US-09-996-288-248	Sequence 248, App
38	1252.5	51.4	467	4	US-08-030-175-42	Sequence 42, Appl
39	1251.5	51.4	450	4	US-09-996-288-210	Sequence 210, App
40	1251.5	51.4	450	4	US-09-996-288-222	Sequence 222, App
41	1251.5	51.4	450	4	US-09-996-288-224	Sequence 224, App
42	1251.5	51.4	450	4	US-09-996-288-228	Sequence 228, App
43	1251.5	51.4	450	4	US-09-996-288-238	Sequence 238, App
44	1251.5	51.4	450	4	US-09-996-288-240	Sequence 240, App
45	1251.5	51.4	450	4	US-09-996-288-242	Sequence 242, App

RESULT 1

US-09-773-877B-26

Sequence 26, Application US/09773877B

Patent No. 6833349

GENERAL INFORMATION:

APPLICANT: Xia, Yu-Ping et al.

TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES

FILE REFERENCE: REG 710b

CURRENT APPLICATION NUMBER: US/09/773,877B

CURRENT FILING DATE: 2001-01-31

NUMBER OF SEQ ID NOS: 27

SOFTWARE: PatentIn version 3.0

SEQ ID NO 26

LENGTH: 458

TYPE: PRT

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: VEGFR1R2-FcdeltaC1(a) Receptor

US-09-773-877B-26

Query Match

Best Local Similarity

Matches

Score

100.0%

100.0%

458;

DB

4;

Length

458;

Conservative

0;

Mismatches

0;

Indels

0;

Gaps

0;

Qy	1	MVS YWDTGVLLCALLSCLLLTGSSSGSDTGRPFVEMYSEIPIIHMTEGRELVIPCRVTS	60
Db	1	MVS YWDTGVLLCALLSCLLLTGSSSGSDTGRPFVEMYSEIPIIHMTEGRELVIPCRVTS	60
Qy	61	PNITVTLKKFPDUTLIPDKRIIWDNRKGFIIISNATYKEIGLLTCEATVNGHLYKTNLYT	120
Db	61	PNITVTLKKFPDUTLIPDKRIIWDNRKGFIIISNATYKEIGLLTCEATVNGHLYKTNLYT	120
Qy	121	HRQNTIITDVVLSPSHGIELSVGEKLVNCTARTELNVGIDFNWEPSSKHQKLVNRD	180
Db	121	HRQNTIITDVVLSPSHGIELSVGEKLVNCTARTELNVGIDFNWEPSSKHQKLVNRD	180
Qy	181	LKTQSGSEMKFLSLTITDGVTRSDQGLYTCAASSGLMTKKNSTFVRVHEKDKTHTCPPC	240
Db	181	LKTQSGSEMKFLSLTITDGVTRSDQGLYTCAASSGLMTKKNSTFVRVHEKDKTHTCPPC	240
Qy	241	PAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVDVSHEDPEVKFNWVDDGVEVHNACT	300
Db	241	PAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVDVSHEDPEVKFNWVDDGVEVHNACT	300
Qy	301	KPREEQYNSTYRVSVSLTVLHQDLNKGKEYCKVKNKALPAPIEKTISKAKQPREPQVY	360
Db	301	KPREEQYNSTYRVSVSLTVLHQDLNKGKEYCKVKNKALPAPIEKTISKAKQPREPQVY	360
Qy	361	TLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTPPVLDSDGSFFLYSK	420

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QY 421 LTVDKSRWQQGNVFCSCVMHEALHNHYTQKSLSLSPGK 458
Db 421 LTVDKSRWQQGNVFCSCVMHEALHNHYTQKSLSLSPGK 458

RESULT 2
US-09-773-877B-22
; Sequence 22, Application US/09773877B
; Patent No. 6833349
; GENERAL INFORMATION:
; APPLICANT: Xia, Yu-Ping et al.
; TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES
; FILE REFERENCE: REG 710b
; CURRENT APPLICATION NUMBER: US/09/773,877B
; CURRENT FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 22
; TYPE: PRT
; LENGTH: 458
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: FcdeltaC1(a) Receptor
US-09-773-877B-22

Query Match 98.4%; Score 2399; DB 4; Length 458;
Best Local Similarity 98.7%; Pred. No. 2e-193;
Matches 455; Conservative 0; Mismatches 0; Indels 6; Gaps 2;

QY 1 MVSYWDTGVLLCALLSCLLTGSSSGSDTGRPFVEMYSEIPIIHMTEGRELVIPICRVTS 60
Db 1 MVSYWDTGVLLCALLSCLLTGSSSG---GRPFVEMYSEIPIIHMTEGRELVIPICRVTS 57
QY 61 PNITVTLKKPPLDTLIPDGKRIIWDGRKGFIIISNATYKEIGLLTCEATVNGHLYKTNLYT 120
Db 58 PNITVTLKKPPLDTLIPDGKRIIWDGRKGFIIISNATYKEIGLLTCEATVNGHLYKTNLYT 117
QY 121 HRONTIIDVVLSPSHGIELSVGEKLVNCTARTELNVGIDENWYPSKSHQHKLVNRD 180
Db 118 HRONTIIDVVLSPSHGIELSVGEKLVNCTARTELNVGIDENWYPSKSHQHKLVNRD 177
QY 181 LKTSQSGEMKKFSLTLDIGVTRSDGLYTCASSGLMTKKNSTFVRVHEK---DKHTTC 237
Db 178 LKTSQSGEMKKFSLTLDIGVTRSDGLYTCASSGLMTKKNSTFVRVHEKPGDKHTTC 237
QY 238 PPCPAPELLGGPSVFLPFPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHN 297
Db 238 PPCPAPELLGGPSVFLPFPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHN 297
QY 298 AKTKPREQYNSTYRVVSVLTVLHDWLNKGKEYKCKVSNKALPAPIEKTISKAKGQPREP 357
Db 298 AKTKPREQYNSTYRVVSVLTVLHDWLNKGKEYKCKVSNKALPAPIEKTISKAKGQPREP 357
QY 358 QYITLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDGSFFL 417
Db 358 QYITLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDGSFFL 417
QY 418 YSKLTVDKSRWQQGNVFCSCVMHEALHNHYTQKSLSLSPGK 458
Db 418 YSKLTVDKSRWQQGNVFCSCVMHEALHNHYTQKSLSLSPGK 458

RESULT 3
US-09-773-877B-27
; Sequence 27, Application US/09773877B
; Patent No. 6833349
; GENERAL INFORMATION:
; APPLICANT: Xia, Yu-Ping et al.
; TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES
; FILE REFERENCE: REG 710b
; CURRENT APPLICATION NUMBER: US/09/773,877B
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; CURRENT FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 27
; LENGTH: 431
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Peptide
US-09-773-877B-27

Query Match 92.8%; Score 2261; DB 4; Length 431;
Best Local Similarity 99.1%; Pred. No. 7.5e-182;
Matches 428; Conservative 0; Mismatches 0; Indels 4; Gaps 2;

QY 30 GRPFVEMYSEIPIIHMTEGRELVIPICRVTSPIITVTLKKFPLDTLIPDGKRIIWDGRK 89
Db 1 GRPFVEMYSEIPIIHMTEGRELVIPICRVTSPIITVTLKKFPLDTLIPDGKRIIWDGRK 60
QY 90 FIISNATYKEIGLLTCEATVNGHLYKTNLYTHROQNTIIDVVLSPSHGIELSVGEKLVN 149
Db 61 FIISNATYKEIGLLTCEATVNGHLYKTNLYTHROQNTIIDVVLSPSHGIELSVGEKLVN 120
QY 150 CTARTELNVGIDENWYPSKSHQHKLVNRDLATQSGSEMKKFLSTLTIDGVTRSDQGLY 209
Db 121 CTARTELNVGIDENWYPSKSHQHKLVNRDLATQSGSEMKKFLSTLTIDGVTRSDQGLY 180
QY 210 TCAASSGLMTKKNSTFVRVHEK---DKHTTCPCPAPELLGGPSVFLPFPKPKDTLMISR 266
Db 181 TCAASSGLMTKKNSTFVRVHEKPGDKHTTCPCPAPELLGGPSVFLPFPKPKDTLMISR 240
QY 267 TPVTCVVVDVSHEDPEVKFNWYVDGVEVHNATKPREQYNSTYRVVSVLTVLHDQWLIN 326
Db 241 TPVTCVVVDVSHEDPEVKFNWYVDGVEVHNATKPREQYNSTYRVVSVLTVLHDQWLIN 300
QY 327 GREYKCKVSNKALPAPIEKTISKAKGQPREPQVYITLPPSRDELTKNQVSLTCLVKGFYPS 386
Db 301 GREYKCKVSNKALPAPIEKTISKAKGQPREPQVYITLPPSRDELTKNQVSLTCLVKGFYPS 359
QY 387 DIAVEWESNGQPENNYKTTTPVLDSDGSFFLYSKLVTKSRWQQGNVFCSCVMHEALHNH 446
Db 360 DIAVEWESNGQPENNYKTTTPVLDSDGSFFLYSKLVTKSRWQQGNVFCSCVMHEALHNH 419
QY 447 YTKSLSLSPGK 458
Db 420 YTKSLSLSPGK 431

RESULT 4
US-09-773-877B-24
; Sequence 24, Application US/09773877B
; Patent No. 6833349
; GENERAL INFORMATION:
; APPLICANT: Xia, Yu-Ping et al.
; TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES
; FILE REFERENCE: REG 710b
; CURRENT APPLICATION NUMBER: US/09/773,877B
; CURRENT FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 24
; LENGTH: 455
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Fcld2.VEGFR3D3.FcdeltaC1(a) Receptor
US-09-773-877B-24

Query Match 84.9%; Score 2069.5; DB 4; Length 455;
Best Local Similarity 85.7%; Pred. No. 1e-165;
Matches 395; Conservative 16; Mismatches 41; Indels 9; Gaps 3;

QY 1 MVSYWDTGVLLCALLSCLLTGSSSGSDTGRPFVEMYSEIPIIHMTEGRELVIPICRVTS 60
```

Db 1 MVS YMDTGVLCCALLSCLLTGSSSG---GRPFVEMYSEIPELIHMTGRELVI PCRVTS 57
QY 61 PNITVTLKKFPDLTLPDGKRIIWDNRKGFIIISNATYKEIGLTCBATVNGHLYKTNLYT 120
Db 58 PNITVTLKKFPDLTLPDGKRIIWDNRKGFIIISNATYKEIGLTCBATVNGHLYKTNLYT 117
QY 121 HRQNTIIVDVLSPSHGIELSVGEKLVNCTARTELNVDGFNWEYSPSSKHQKLVNRD 180
Db 118 HRQNTIIVDVLSPSHGIELSVGEKLVNCTARTELNVDGFNWEYSPSSKHQKLVNRD 177
QY 181 LKQTSGSEMKKFLSTLTDIGVTRSDOGLYTCASSGLMTKKNSTFVRVHEK---DKHTHC 237
Db 178 RSQTHTELS---SILTIHNSQHDLSGVYCKRANGIQRFRESTEVIHENGPGDKHTC 234
QY 238 PPCAPELGGPSVFLFPKPKDGLTMSRTPEVTCVVVDVSHEDPEVKENWYVDGVEHN 297
Db 235 PPCAPELGGPSVFLFPKPKDGLTMSRTPEVTCVVVDVSHEDPEVKENWYVDGVEHN 294
QY 298 AKTKPREQYNSTYRVVSVLTVLHQDLNKGKEYCKVSNKALPAPIEKTISKAKGQPRP 357
Db 295 AKTKPREQYNSTYRVVSVLTVLHQDLNKGKEYCKVSNKALPAPIEKTISKAKGQPRP 354
QY 358 QVYTLPPSDELTKNQVSLTCLVKGYFSPSDIAVEWESNGQPENNYKTTPPVLDSDGSFPL 417
Db 355 QVYTLPPSDELTKNQVSLTCLVKGYFSPSDIAVEWESNGQPENNYKTTPPVLDSDGSFPL 414
QY 418 YSKLTVDKSRWQGNVFCVSNVMEALHNNHYTKLSLSLSPGK 458
Db 415 YSKLTVDKSRWQGNVFCVSNVMEALHNNHYTKLSLSLSPGK 455

RESULT 5

US-09-773-877B-18

; Sequence 18, Application US/09773877B

; Patent No. 6833349

; GENERAL INFORMATION:

; APPLICANT: Xia, Yu-Ping et al.

; TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES

; FILE REFERENCE: REG 710b

; CURRENT APPLICATION NUMBER: US/09/773,877B

; CURRENT FILING DATE: 2001-01-31

; NUMBER OF SEQ ID NOS: 27

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 18

; LENGTH: 462

; TYPE: PRT

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Flt1(2-3)-Fc (Mut3)

US-09-773-877B-18

Query Match 84.1%; Score 2049; DB 4; Length 462;
Best Local Similarity 84.2%; Pred. No. 5.6e-164;
Matches 393; Conservative 13; Mismatches 47; Indels 14; Gaps 3;

QY 1 MVS YMDTGVLCCALLSCLLTGSSSGDGRPFVEMYSEIPELIHMTGRELVI PCRVTS 60
Db 1 MVS YMDTGVLCCALLSCLLTGSSSG---GRPFVEMYSEIPELIHMTGRELVI PCRVTS 57
QY 61 PNITVTLKKFPDLTLPDGKRIIWDNRKGFIIISNATYKEIGLTCBATVNGHLYKTNLYT 120
Db 58 PNITVTLKKFPDLTLPDGKRIIWDNRKGFIIISNATYKEIGLTCBATVNGHLYKTNLYT 117
QY 121 HRQNTIIVDVLSPSHGIELSVGEKLVNCTARTELNVDGFNWEYSPSSKHQKLVNRD 180
Db 118 HRQNTIIVDVLSPSHGIELSVGEKLVNCTARTELNVDGFNWEYSPSSKHQKLVNRD 176
QY 181 LKQTSGSEMKKFLSTLTDIGVTRSDOGLYTCASSGLMTKKNSTFVRVHEK-----231
Db 177 -IDQNSHANIFYSVLTIDKMNQDKGLYTCRVSGPSFKSVNTSVHIYDKAGPGEPKSC 235
QY 232 DKHTHTCCPCPELGGPSVFLFPKPKDGLTMSRTPEVTCVVVDVSHEDPEVKENWYVD 291

Db 236 DKHTHTCCPCPELGGPSVFLFPKPKDGLTMSRTPEVTCVVVDVSHEDPEVKENWYVD 295
QY 292 GVEVHNATKPREEQYNSTYRVVSVLTVLHQDLNKGKEYCKVSNKALPAPIEKTISKAK 351
Db 296 GVEVHNATKPREEQYNSTYRVVSVLTVLHQDLNKGKEYCKVSNKALPAPIEKTISKAK 355
QY 352 GQPREPQVYTLPPSDELTKNQVSLTCLVKGYFSPSDIAVEWESNGQPENNYKTTPPVLD 411
Db 356 GQPREPQVYTLPPSDELTKNQVSLTCLVKGYFSPSDIAVEWESNGQPENNYKTTPPVLD 415
QY 412 DGSFFLYSKLTVDKSRWQGNVFCVSNVMEALHNNHYTKLSLSLSPGK 458
Db 416 DGSFFLYSKLTVDKSRWQGNVFCVSNVMEALHNNHYTKLSLSLSPGK 462

RESULT 6

US-09-773-877B-16

; Sequence 16, Application US/09773877B

; Patent No. 6833349

; GENERAL INFORMATION:

; APPLICANT: Xia, Yu-Ping et al.

; TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES

; FILE REFERENCE: REG 710b

; CURRENT APPLICATION NUMBER: US/09/773,877B

; CURRENT FILING DATE: 2001-01-31

; NUMBER OF SEQ ID NOS: 27

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 16

; LENGTH: 452

; TYPE: PRT

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Flt1(2-3 deltaab)-Fc

US-09-773-877B-16

Query Match 83.6%; Score 2038; DB 4; Length 452;
Best Local Similarity 83.9%; Pred. No. 4.6e-163;
Matches 392; Conservative 10; Mismatches 41; Indels 24; Gaps 3;

QY 1 MVS YMDTGVLCCALLSCLLTGSSSGDGRPFVEMYSEIPELIHMTGRELVI PCRVTS 60
Db 1 MVS YMDTGVLCCALLSCLLTGSSSG---GRPFVEMYSEIPELIHMTGRELVI PCRVTS 57
QY 61 PNITVTLKKFPDLTLPDGKRIIWDNRKGFIIISNATYKEIGLTCBATVNGHLYKTNLYT 120
Db 58 PNITVTLKKFPDLTLPDGKRIIWDNRKGFIIISNATYKEIGLTCBATVNGHLYKTNLYT 117
QY 121 HRQNTIIVDVLSPSHGIELSVGEKLVNCTARTELNVDGFNWEYSPSSKHQKLVNRD 180
Db 118 HRQNTIIVDVLSPSHGIELSVGEKLVNCTARTELNVDGFNWEYSPSSKHQKLVNRD 165
QY 181 LKQTSGSEMKKFLSTLTDIGVTRSDOGLYTCASSGLMTKKNSTFVRVHEK-----231
Db 166 EIDQNSHANIFYSVLTIDKMNQDKGLYTCRVSGPSFKSVNTSVHIYDKAGPGEPKSC 225
QY 232 DKHTHTCCPCPELGGPSVFLFPKPKDGLTMSRTPEVTCVVVDVSHEDPEVKENWYVD 291
Db 226 DKHTHTCCPCPELGGPSVFLFPKPKDGLTMSRTPEVTCVVVDVSHEDPEVKENWYVD 285
QY 292 GVEVHNATKPREEQYNSTYRVVSVLTVLHQDLNKGKEYCKVSNKALPAPIEKTISKAK 351
Db 286 GVEVHNATKPREEQYNSTYRVVSVLTVLHQDLNKGKEYCKVSNKALPAPIEKTISKAK 345
QY 352 GQPREPQVYTLPPSDELTKNQVSLTCLVKGYFSPSDIAVEWESNGQPENNYKTTPPVLD 411
Db 346 GQPREPQVYTLPPSDELTKNQVSLTCLVKGYFSPSDIAVEWESNGQPENNYKTTPPVLD 405
QY 412 DGSFFLYSKLTVDKSRWQGNVFCVSNVMEALHNNHYTKLSLSLSPGK 458
Db 406 DGSFFLYSKLTVDKSRWQGNVFCVSNVMEALHNNHYTKLSLSLSPGK 452

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RESULT 7
US-09-773-877B-20
; Sequence 20, Application US/09773877B
; Patent No. 6833349
; GENERAL INFORMATION:
; APPLICANT: Xia, Yu-Ping et al.
; TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES
; FILE REFERENCE: REG 710B
; CURRENT APPLICATION NUMBER: US/09/773,877B
; CURRENT FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 20
; LENGTH: 567
; TYPE: PRN
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Flt1(1-3 R-N)-Fc (Mut4)
US-09-773-877B-20

Query Match      82.7%; Score 2015.5; DB 4; Length 567;
Best Local Similarity 69.6%; Pred. No. 4, 9e-161;
Matches 396; Conservative 14; Mismatches 46; Indels 113; Gaps 3;

QY 1 MVSVDGTGVLICALLSCLLTGSSG----- 26
Db 1 MVSVDGTGVLICALLSCLLTGSSGSKLDPKLSLKGTHIMQAGQTLHLCRGEAAHK 60
QY 27 ----- 26
Db 61 WSLPEMVSKESESLITKSACGRNGKQFCSTLTNTAQANHTGFYSCKYLAVPTSKKET 120
QY 27 -----SDTGRPFVEMYSEIPEIIHMTGRELVIKRVTSPTNITVTLKKFPLDTLIPD 78
Db 121 ESAIYIFISDTGRPFVEMYSEIPEIIHMTGRELVIKRVTSPTNITVTLKKFPLDTLIPD 180
QY 79 GKRIIWSRKGFIISNATYKEIGLLTCEATVNGHLYKTNLTHROQNTIIDVWLSPSHGI 138
Db 181 GKRIIWSRKGFIISNATYKEIGLLTCEATVNGHLYKTNLTHROQNTIIDVQISTPRPV 240
QY 139 ELSVGEKLVNCTARTLNAGIDFNWEYPSKHQHKLVNRLDKTQSGEMKKFLSTLTI 198
Db 241 KLLRGHTLVNCTATTPNTRVQMTWSYDPEKKNKRAVRR--IDQSNSHANIFYSVLTI 298
QY 199 DGVTRSDOGLYTCASGLMTKKNSTFVRVHEK-----DKHTCCPCPAPELLGGP 249
Db 299 DKMQNDKGLYTCVRSGPSFKSVNTSVHIYDKAGGEPKSCDKTHTCCPCPAPELLGGP 358
QY 250 SVFLFPPKPKDTLMISRTPEVTCVVDVSHEDPEVKFNMYVDGVEVHNKTKPREEQYNS 309
Db 359 SVFLFPPKPKDTLMISRTPEVTCVVDVSHEDPEVKFNMYVDGVEVHNKTKPREEQYNS 418
QY 310 TYRVVSVLTVLHODWLNKKEYCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDEL 369
Db 419 TYRVVSVLTVLHODWLNKKEYCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDEL 478
QY 370 TKNOVSLTCLVKGFYPSDIAVWESNGQPENNYKTTTPVLDSDGSGFFLYSKLTVDKSRWQ 429
Db 479 TKNOVSLTCLVKGFYPSDIAVWESNGQPENNYKTTTPVLDSDGSGFFLYSKLTVDKSRWQ 538
QY 430 QGNVFSCSVMEALHNHYTQKSLSLSPGK 458
Db 539 QGNVFSCSVMEALHNHYTQKSLSLSPGK 567

RESULT 8
US-09-773-877B-12
; Sequence 12, Application US/09773877B
; Patent No. 6833349
; GENERAL INFORMATION:
; APPLICANT: Xia, Yu-Ping et al.
; TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES
; FILE REFERENCE: REG 710B
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; CURRENT APPLICATION NUMBER: US/09/773,877B
; CURRENT FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 12
; LENGTH: 567
; TYPE: PRN
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Flt(1-3)-Fc
US-09-773-877B-12

Query Match      82.7%; Score 2014.5; DB 4; Length 567;
Best Local Similarity 69.6%; Pred. No. 6e-161;
Matches 396; Conservative 13; Mismatches 47; Indels 113; Gaps 3;

QY 1 MVSVDGTGVLICALLSCLLTGSSG----- 26
Db 1 MVSVDGTGVLICALLSCLLTGSSGSKLDPKLSLKGTHIMQAGQTLHLCRGEAAHK 60
QY 27 ----- 26
Db 61 WSLPEMVSKESESLITKSACGRNGKQFCSTLTNTAQANHTGFYSCKYLAVPTSKKET 120
QY 27 -----SDTGRPFVEMYSEIPEIIHMTGRELVIKRVTSPTNITVTLKKFPLDTLIPD 78
Db 121 ESAIYIFISDTGRPFVEMYSEIPEIIHMTGRELVIKRVTSPTNITVTLKKFPLDTLIPD 180
QY 79 GKRIIWSRKGFIISNATYKEIGLLTCEATVNGHLYKTNLTHROQNTIIDVWLSPSHGI 138
Db 181 GKRIIWSRKGFIISNATYKEIGLLTCEATVNGHLYKTNLTHROQNTIIDVQISTPRPV 240
QY 139 ELSVGEKLVNCTARTLNAGIDFNWEYPSKHQHKLVNRLDKTQSGEMKKFLSTLTI 198
Db 241 KLLRGHTLVNCTATTPNTRVQMTWSYDPEKKNKRAVRR--IDQSNSHANIFYSVLTI 298
QY 199 DGVTRSDOGLYTCASGLMTKKNSTFVRVHEK-----DKHTCCPCPAPELLGGP 249
Db 299 DKMQNDKGLYTCVRSGPSFKSVNTSVHIYDKAGGEPKSCDKTHTCCPCPAPELLGGP 358
QY 250 SVFLFPPKPKDTLMISRTPEVTCVVDVSHEDPEVKFNMYVDGVEVHNKTKPREEQYNS 309
Db 359 SVFLFPPKPKDTLMISRTPEVTCVVDVSHEDPEVKFNMYVDGVEVHNKTKPREEQYNS 418
QY 310 TYRVVSVLTVLHODWLNKKEYCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDEL 369
Db 419 TYRVVSVLTVLHODWLNKKEYCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDEL 478
QY 370 TKNOVSLTCLVKGFYPSDIAVWESNGQPENNYKTTTPVLDSDGSGFFLYSKLTVDKSRWQ 429
Db 479 TKNOVSLTCLVKGFYPSDIAVWESNGQPENNYKTTTPVLDSDGSGFFLYSKLTVDKSRWQ 538
QY 430 QGNVFSCSVMEALHNHYTQKSLSLSPGK 458
Db 539 QGNVFSCSVMEALHNHYTQKSLSLSPGK 567

RESULT 9
US-09-773-877B-14
; Sequence 14, Application US/09773877B
; Patent No. 6833349
; GENERAL INFORMATION:
; APPLICANT: Xia, Yu-Ping et al.
; TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES
; FILE REFERENCE: REG 710B
; CURRENT APPLICATION NUMBER: US/09/773,877B
; CURRENT FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 14
; LENGTH: 557
; TYPE: PRN
; ORGANISM: Artificial Sequence
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;
; FEATURE:
; OTHER INFORMATION: Flt1(1-3 deltaB)-Fc (Mut1)
; US-09-773-877B-14

Query Match      82.2%; Score 2003.5; DB 4; Length 557;
Best Local Similarity 69.4%; Pred. No. 4.9e-160;
Matches 395; Conservative 10; Mismatches 41; Indels 123; Gaps 3;

QY 1 MVS YMDTGVLGALLSCLLLTGSSG-----26
Db 1 MVS YMDTGVLGALLSCLLLTGSSGSKLDPFSLKGTQHIMQAGQTLHLQCRGEAAHK 60
QY 27 -----26
Db 61 WSLPEMVSKESRLSITKSACGRNGKQFCSTLTLTAQANHGTGFSCKYLAVPTSKKXET 120
QY 27 -----SDTRPPFVEMYSEIPIIHMTEGRELVIICRVTSPTNITVTLKKPPLDTLPD 78
Db 121 ESAIYIFSDTRPPFVEMYSEIPIIHMTEGRELVIICRVTSPTNITVTLKKPPLDTLPD 180
QY 79 GKRIIWDNRKGFIIISNATYKEIGLLTCEATVNGHLYKTNLTHRTQNTIIDVLSPSHGI 138
Db 181 GKRIIWDNRKGFIIISNATYKEIGLLTCEATVNGHLYKTNLTHRTQNTIIDVQISTPRPV 240
QY 139 ELSVGEKLVNCTARTELNVGIDFNWEYPSKHQHKLVNRDLKTQSGEMKKFLSTLTI 198
Db 241 KLLRGHTLVNCTARTPLNTRVQMTWSP-----DEIDQSNSHANIFYSVLTI 288
QY 199 DGVTSDDGLYTCASSGLMTKKNSTFVRVHEK-----DKTHTCPPCPAPLLGGP 249
Db 289 DMQWQNDKGLYTCRVRSGPSFKSVNTSVHIYDKAGFGEKPKCDKTHTCPPCPAPLLGGP 348
QY 250 SVFLPPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVVHNAKTKPREQVNS 309
Db 349 SVFLPPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVVHNAKTKPREQVNS 408
QY 310 TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDEL 369
Db 409 TYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDEL 468
QY 370 TKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDGSFFLYSKLTVDKSRWQ 429
Db 469 TKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDGSFFLYSKLTVDKSRWQ 528
QY 430 QGNVFCSCVMHEALHNHYTQKSLSLSPGK 458
Db 529 QGNVFCSCVMHEALHNHYTQKSLSLSPGK 557

RESULT 10
US-08-227-496C-15
; Sequence 15, Application US/08227496C
; Patent No. 6130202
; GENERAL INFORMATION:
; APPLICANT: Greve, Jeffrey M.
; APPLICANT: McClelland, Alan
; TITLE OF INVENTION: Multimeric Forms of Human
; TITLE OF INVENTION: Rhinovirus Receptor Protein
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Bayer Corporation
; STREET: 400 Morgan Lane
; CITY: West Haven
; STATE: Connecticut
; COUNTRY: USA
; ZIP: 06516
; COMPUTER READABLE FORM:
; MEDIUM TYPE: diskette, 1.44 Mb storage
; COMPUTER: Dell Optiplex GX1
; OPERATING SYSTEM: Windows 95
; SOFTWARE: WordPerfect 8.0 for Windows
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/227,496C

;
; FILING DATE: 04/14/94
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/903,069
; FILING DATE: 06/22/92
; APPLICATION NUMBER: 07/704,984
; FILING DATE: 05/24/91
; APPLICATION NUMBER: 07/556,238
; FILING DATE: 07/20/90
; ATTORNEY/AGENT INFORMATION:
; NAME: Barbara A. Shimei
; REGISTRATION NUMBER: 29,862
; REFERENCE/DOCKET NUMBER: MTI 214.2C
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (203) 812-2786
; TELEFAX: (203) 812-5492
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 680 amino acid residues
; TYPE: amino acids
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; DESCRIPTION: protein
; HYPOTHEetical: no
; FRAGMENT TYPE: complete sequence
; FEATURE:
; NAME/KEY: tICAM(185)/IgG fusion protein
; OTHER INFORMATION: amino acid residues 1-453 =
; OTHER INFORMATION: tICAM(453); amino acid residues 454-680 = amino
; OTHER INFORMATION: acid residues 216-442 of human IgG1 heavy chain
; US-08-227-496C-15

Query Match      53.5%; Score 1304; DB 3; Length 680;
Best Local Similarity 60.6%; Pred. No. 4.4e-101;
Matches 281; Conservative 30; Mismatches 89; Indels 64; Gaps 15;

QY 15 LSCLLLTGSSGSDTGRPFVEMYS-EIPEII-----HMTGRELVIICRVTSPTNITVTLKK 69
Db 261 LTCVILGNQSQETL--QTVIYISPPAPNVLTKPEVSEGTETVVKCE-AHPRAKVTLLNG 317
QY 70 PPLDTLPDGRKRIIWDNRKGFIIISNATYKEIG-LTCEATVNGHLYKTNLTHRTQNTII 128
Db 318 VPAQPLGP-----RAQLLKATPDENGRSFCSAT-----LEVAGQLIHKNTREL 363
QY 129 DVVLSPSHGIELSVGEKLVNCTARTELNVGIDFNWEYPSKHQHKLVNRDLKTQSGSE 188
Db 364 RVLVGP-----RLDER---DCPG-----NWTWPNSSQQTTP-----MCQAWGN 397
QY 189 MKKFLSTLTIDG-----VTRSDQGLYTCAASS--GLMTKKNSTFV-RVHEKDKT 234
Db 398 PLPELKCLK-DGTFPLPIGESVTVTRDLEGTLYLCRASTQGEVTRKVTNVVLSPRYEDKT 456
QY 235 HTCPPCPAPELLGGSVFLPPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVE 294
Db 457 HTCPPCPAPELLGGSVFLPPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVE 516
QY 295 VHNAKTKPREQVNSYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQ 354
Db 517 VHNAKTKPREQVNSYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQ 576
QY 355 REPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDGS 414
Db 577 REPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDGS 636
QY 415 FFYLSKLTVDKSRWQGNVFCSCVMHEALHNHYTQKSLSLSPGK 458
Db 637 FFYLSKLTVDKSRWQGNVFCSCVMHEALHNHYTQKSLSLSPGK 680

RESULT 11
US-09-499-846-6
; Sequence 6, Application US/09499846
; Patent No. 6656728
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; GENERAL INFORMATION:
; APPLICANT: Kavanaugh et al.
; TITLE OF INVENTION: FIBROBLAST GROWTH FACTOR
; FILE REFERENCE: RECEPTOR-IMMUNOGLOBULIN FUSION
; CURRENT APPLICATION NUMBER: 035784/195012 (5784-
; CURRENT FILING DATE: 2000-02-07
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 6
; LENGTH: 497
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-499-846-6

Query Match      52.5%; Score 1280; DB 4; Length 497;
Best Local Similarity 54.3%; Pred. No. 2.9e-99;
Matches 284; Conservative 32; Mismatches 109; Indels 98; Gaps 12;

Qy 5 WDTGVLLCALLSCLLLTGSSSGSDTGRPFVEMYSEIPEIIMHTGRELVIPTCRVT----- 59
Db 4 WKCLLEFVAVLVTATLTCTARSPSTLPEQP-VAPYWTSP----KMEKKLHAVPAAKTVKFKC 59
Qy 60 ----SPNITVTLKFPFLDTLPDGKRIIWSR-KGFIISNATYKEI-----GLLTC 105
Db 60 PSSGTPNPTLRWLK-----NGKEFKPDHRIIGYKRVYATWSIIMDSVVPDKNGYTC 111
Qy 106 ----EATVNGHLYKTNLTHROTNTIIDVLSPSHGIELSVGEKLVNCTARTELNVGI 160
Db 112 IVENEXGSIN-HTYQ-----LDVVERSPHRPILQAG-----LPANKTVALGSNV 154
Qy 161 DEFWEYPPSSKHQHKLVN-----RDLLKTQSGEMKKFLSTLTIDGVTR 203
Db 155 EFCKYVSDPQPHIQWLKHIEVNGSKI GPDNLPPVQILKTAGVNTDKEMEVHLNRVNF 214
Qy 204 SDGLVTCASSGLMTKKNSTFVRHEK-----DKTH 235
Db 215 EDAGEYTCLAGNSIGLSHSAWLTVLEALERPAVMTSPLYLEGSGSPGLQEPKSCDKTH 274
Qy 236 TCPCPAPPELLGGPSVFLPFPKPKDTLMSRTPEVTCVVVDVSHEDPEVKFNWYVDGVEV 295
Db 275 TCPCPAPPELLGGPSVFLPFPKPKDTLMSRTPEVTCVVVDVSHEDPEVKFNWYVDGVEV 334
Qy 296 HNAKTPREQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPR 355
Db 335 HNAKTPREQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPR 394
Qy 356 EPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDGSF 415
Db 395 EPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDGSF 454
Qy 416 FLYSKLVDSRWQOQGNVFSCSVWHEALHNHYTQKSLSLSPGK 458
Db 455 FLYSKLVDSRWQOQGNVFSCSVWHEALHNHYTQKSLSLSPGK 497

RESULT 12
US-09-499-846-2
; Sequence 2, Application US/09499846
; Patent No.: 6656728
; GENERAL INFORMATION:
; APPLICANT: Kavanaugh et al.
; TITLE OF INVENTION: FIBROBLAST GROWTH FACTOR
; FILE REFERENCE: RECEPTOR-IMMUNOGLOBULIN FUSION
; CURRENT APPLICATION NUMBER: 035784/195012 (5784-
; CURRENT FILING DATE: 2000-02-07
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 622
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-499-846-6

Query Match      52.5%; Score 1280; DB 4; Length 497;
Best Local Similarity 54.3%; Pred. No. 2.9e-99;
Matches 284; Conservative 32; Mismatches 109; Indels 98; Gaps 12;

Qy 5 WDTGVLLCALLSCLLLTGSSSGSDTGRPFVEMYSEIPEIIMHTGRELVIPTCRVT----- 59
Db 4 WKCLLEFVAVLVTATLTCTARSPSTLPEQP-VAPYWTSP----KMEKKLHAVPAAKTVKFKC 59
Qy 60 ----SPNITVTLKFPFLDTLPDGKRIIWSR-KGFIISNATYKEI-----GLLTC 105
Db 60 PSSGTPNPTLRWLK-----NGKEFKPDHRIIGYKRVYATWSIIMDSVVPDKNGYTC 111
Qy 106 ----EATVNGHLYKTNLTHROTNTIIDVLSPSHGIELSVGEKLVNCTARTELNVGI 160
Db 112 IVENEXGSIN-HTYQ-----LDVVERSPHRPILQAG-----LPANKTVALGSNV 154
Qy 161 DEFWEYPPSSKHQHKLVN-----RDLLKTQSGEMKKFLSTLTIDGVTR 203
Db 155 EFCKYVSDPQPHIQWLKHIEVNGSKI GPDNLPPVQILKTAGVNTDKEMEVHLNRVNF 214
Qy 204 SDGLVTCASSGLMTKKNSTFVRHEK-----DKTH 235
Db 215 EDAGEYTCLAGNSIGLSHSAWLTVLEALERPAVMTSPLYLEGSGSPGLQEPKSCDKTH 274
Qy 236 TCPCPAPPELLGGPSVFLPFPKPKDTLMSRTPEVTCVVVDVSHEDPEVKFNWYVDGVEV 295
Db 275 TCPCPAPPELLGGPSVFLPFPKPKDTLMSRTPEVTCVVVDVSHEDPEVKFNWYVDGVEV 334
Qy 296 HNAKTPREQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPR 355
Db 335 HNAKTPREQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPR 394
Qy 356 EPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDGSF 415
Db 395 EPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDGSF 454
Qy 416 FLYSKLVDSRWQOQGNVFSCSVWHEALHNHYTQKSLSLSPGK 458
Db 455 FLYSKLVDSRWQOQGNVFSCSVWHEALHNHYTQKSLSLSPGK 497

; GENERAL INFORMATION:
; APPLICANT: REGENERON PHARMACEUTICALS, INC.
; TITLE OF INVENTION: RECEPTOR BASED ANTAGONISTS, AND METHODS OF MAKING
; FILE REFERENCE: REG 203-A
; CURRENT APPLICATION NUMBER: US/09/313,942
; CURRENT FILING DATE: 1999-05-19
; PRIOR APPLICATION NUMBER: 09/313,942
; PRIOR FILING DATE: 1999-05-19
; PRIOR APPLICATION NUMBER: 60/101,858
; PRIOR FILING DATE: 1998-09-25
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 28
; LENGTH: 910
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-313-942-28

Query Match      52.3%; Score 1275.5; DB 4; Length 910;
Best Local Similarity 63.5%; Pred. No. 1.7e-98;
Matches 257; Conservative 42; Mismatches 77; Indels 29; Gaps 9;

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US-09-499-846-2

Query Match      52.5%; Score 1279.5; DB 4; Length 622;
Best Local Similarity 51.2%; Pred. No. 4.5e-99;
Matches 287; Conservative 34; Mismatches 100; Indels 139; Gaps 13;

Qy 6 DTCVLLCALLSCLLLTGSSSGSDTGRPFVEMYSEIPEIIMHTGRELVIPTCRVT----- 52
Db 95 DSGLYAC-----VTSSPSGSDTTFYFSVNVSDALPSSDDDDDDSSSEKETDNTKPN 147
Qy 53 -----VIPCRVT-----SPNITVTLKFPFLDTLPDGKRIIWSR 86
Db 148 PVAPYWTSPKMEKKLHAVPAAKTVKFCPSGTPNPTLRWLK-----NGKEFKPDH 199
Qy 87 R-KGFIISNATYKEI-----GLLTC-----EATVNGHLYKTNLTHROTNTIIDVV 131
Db 200 RIGGYKRVYATWSIIMDSVVPDKNGYTCIVENEYGSIN-HTYQ-----LDVV 246
Qy 132 LSPSHGIELSVGEKLVNCTARTELNVGIDFNWEYPPSSKHQHKLVN----- 178
Db 247 ERSPHRPILQAG-----LPANKTVALGSNVFEMCKVYSDPQPHIQWLKHIEVNGSKI GPDN 302
Qy 179 ----RDLLKTQSGEMKKFLSTLTIDGVTRSDOGLVTCASSGLMTKKNSTFVRVHEK--- 231
Db 303 LPYVQILKTAGVNTDKEMEVHLNRVNSPEDAGEYTCLAGNSIGLSHSAWLTVLEALEE 362
Qy 232 -----DKHTCTCPCPAPPELLGGPSVFLPFPKP 258
Db 363 RPAVMTSPLYLEBRGGLVPRGSGPGLQEPKSCDKTHCTCPAPPELLGGPSVFLPFPKP 422
Qy 259 KDTLMSRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTPREQYNSTYRVVSVLT 318
Db 423 KDTLMSRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTPREQYNSTYRVVSVLT 482
Qy 319 VLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPRFQVYTLPPSRDELTKNQVSLTC 378
Db 483 VLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPRFQVYTLPPSRDELTKNQVSLTC 542
Qy 379 LVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDGSFFLYSKLTVDKSRWQOQGNVFSCSV 438
Db 543 LVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDGSFFLYSKLTVDKSRWQOQGNVFSCSV 602
Qy 439 MHEALHNHYTQKSLSLSPGK 458
Db 603 MHEALHNHYTQKSLSLSPGK 622

RESULT 13
US-09-313-942-28
; Sequence 28, Application US/09313942
; Patent No.: 6472179
; GENERAL INFORMATION:
; APPLICANT: REGENERON PHARMACEUTICALS, INC.
; TITLE OF INVENTION: RECEPTOR BASED ANTAGONISTS, AND METHODS OF MAKING
; FILE REFERENCE: REG 203-A
; CURRENT APPLICATION NUMBER: US/09/313,942
; CURRENT FILING DATE: 1999-05-19
; PRIOR APPLICATION NUMBER: 09/313,942
; PRIOR FILING DATE: 1999-05-19
; PRIOR APPLICATION NUMBER: 60/101,858
; PRIOR FILING DATE: 1998-09-25
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 28
; LENGTH: 910
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-313-942-28

Query Match      52.3%; Score 1275.5; DB 4; Length 910;
Best Local Similarity 63.5%; Pred. No. 1.7e-98;
Matches 257; Conservative 42; Mismatches 77; Indels 29; Gaps 9;

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Search completed: November 2, 2005, 21:03:56
Job time : 27 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: November 2, 2005, 21:03:33 ; Search time 170 Seconds
(without alignments)
1126.257 Million cell updates/sec

Title: US-10-009-852-16
Perfect score: 2437
Sequence: 1 MVSYYDVTGVLCCALLSCLLL.....MHEALHNHYTKLSLSLSPCK 458

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1865214 seqs, 418043040 residues

Total number of hits satisfying chosen parameters: 1865214

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications_AA.*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	2437	100.0	458	10 US-09-773-877A-26	Sequence 26, Appl
2	2437	100.0	458	15 US-10-609-775-10	Sequence 10, Appl
3	2437	100.0	458	16 US-10-860-958-2	Sequence 2, Appl
4	2437	100.0	458	17 US-10-830-902-2	Sequence 2, Appl
5	2437	100.0	458	17 US-10-897-802-2	Sequence 2, Appl
6	2437	100.0	458	17 US-10-880-021-10	Sequence 10, Appl
7	2437	100.0	458	17 US-10-909-011-4	Sequence 4, Appl
8	2437	100.0	458	18 US-10-988-243-16	Sequence 16, Appl
9	2437	100.0	458	18 US-10-998-881-4	Sequence 4, Appl
10	2437	100.0	458	20 US-11-016-097-16	Sequence 16, Appl
11	2437	100.0	458	20 US-11-039-144-2	Sequence 2, Appl

12	2399	98.4	458	10 US-09-773-877A-22	Sequence 22, Appl
13	2399	98.4	458	15 US-10-609-775-8	Sequence 8, Appl
14	2399	98.4	458	17 US-10-880-021-8	Sequence 8, Appl
15	2399	98.4	458	17 US-10-909-011-2	Sequence 2, Appl
16	2399	98.4	458	18 US-10-988-243-12	Sequence 12, Appl
17	2399	98.4	458	18 US-10-998-881-2	Sequence 2, Appl
18	2399	98.4	458	20 US-11-016-097-12	Sequence 12, Appl
19	2384	97.8	458	17 US-10-855-559-13	Sequence 13, Appl
20	2297	94.3	432	16 US-10-846-477A-16	Sequence 16, Appl
21	2261	92.8	431	10 US-09-773-877A-27	Sequence 27, Appl
22	2256.5	92.6	430	20 US-11-016-097-17	Sequence 17, Appl
23	2203	90.4	434	17 US-10-880-021-29	Sequence 29, Appl
24	2069.5	84.9	455	10 US-09-773-877A-24	Sequence 24, Appl
25	2069.5	84.9	455	15 US-10-609-775-13	Sequence 13, Appl
26	2069.5	84.9	455	17 US-10-880-021-13	Sequence 13, Appl
27	2069.5	84.9	455	18 US-10-988-243-14	Sequence 14, Appl
28	2069.5	84.9	455	20 US-11-016-097-14	Sequence 14, Appl
29	2049	84.1	462	10 US-09-773-877A-18	Sequence 18, Appl
30	2049	84.1	462	18 US-10-988-243-8	Sequence 8, Appl
31	2049	84.1	462	20 US-11-016-097-8	Sequence 8, Appl
32	2038	83.6	452	10 US-09-773-877A-16	Sequence 16, Appl
33	2038	83.6	452	18 US-10-988-243-6	Sequence 6, Appl
34	2038	83.6	452	20 US-11-016-097-6	Sequence 6, Appl
35	2015.5	82.7	567	10 US-09-773-877A-20	Sequence 20, Appl
36	2015.5	82.7	567	18 US-10-988-243-10	Sequence 10, Appl
37	2015.5	82.7	567	20 US-11-016-097-10	Sequence 10, Appl
38	2014.5	82.7	567	10 US-09-773-877A-12	Sequence 12, Appl
39	2014.5	82.7	567	18 US-10-988-243-2	Sequence 2, Appl
40	2014.5	82.7	567	20 US-11-016-097-2	Sequence 2, Appl
41	2003.5	82.2	557	10 US-09-773-877A-14	Sequence 14, Appl
42	2003.5	82.2	557	18 US-10-988-243-4	Sequence 4, Appl
43	2003.5	82.2	557	20 US-11-016-097-4	Sequence 4, Appl
44	1726.5	70.8	934	14 US-10-232-838-17	Sequence 17, Appl
45	1716	70.4	949	14 US-10-232-838-18	Sequence 18, Appl

ALIGNMENTS

RESULT 1
US-09-773-877A-26
; Sequence 26, Application US/09773877A
; Publication No. US20030017977A1
; GENERAL INFORMATION:
; APPLICANT: Xia, Yu-Ping et al.
; TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES
; FILE REFERENCE: REG 710b
; CURRENT APPLICATION NUMBER: US/09/773,877A
; CURRENT FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 26
; LENGTH: 458
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: VEGFR1R2-FcdeltaC1(a) Receptor
US-09-773-877A-26

Query Match	100.0%	Score	2437	DB	10	Length	458
Best Local Similarity	100.0%	Pred. No.	3.6e-152				
Matches	458	Conservative	0	Mismatches	0	Indels	0
Gaps	0						
Qy	1	MVSYYDVTGVLCCALLSCLLLTGSSSGSDTGRPFVEMYSEIPIIHMTEGRELVI	PCRVTS	60			
Db	1	MVSYYDVTGVLCCALLSCLLLTGSSSGSDTGRPFVEMYSEIPIIHMTEGRELVI	PCRVTS	60			
Qy	61	PNITVTLKKFPLDTLIPDGKRIIWDNRKGFIIISNATYKEIGLLTCEATVNGHLYKTNVLT	120				
Db	61	PNITVTLKKFPLDTLIPDGKRIIWDNRKGFIIISNATYKEIGLLTCEATVNGHLYKTNVLT	120				
Qy	121	HRQNTWIIIDVVLSPSHGIELSVGEKVLINCTARTELNVGIDFNWEYPSKHQKLVNRD	180				
Db	121	HRQNTWIIIDVVLSPSHGIELSVGEKVLINCTARTELNVGIDFNWEYPSKHQKLVNRD	180				

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Db 121 HQTNTIIDVVLSPSHGIELSVGEKLVNCTARTELNVGIDFNWEYPSSKHQHKLVNRD 180
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Db 181 LKTQSGEMKKFLLSTLIDGVTRSDOGLYTCASSGLMTKKNSTFVRVHEKDTHTCPPC 240
Qy 241 PAPELLGGPSVFLPPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNMYVDGVEVHNAKT 300
Db 241 PAPELLGGPSVFLPPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNMYVDGVEVHNAKT 300
Qy 301 KPREEQNSTYRVVSVLTVLHQDLNGLKEYCKVSNKALPAPIEKTISKAKGQPREPQVY 360
Db 301 KPREEQNSTYRVVSVLTVLHQDLNGLKEYCKVSNKALPAPIEKTISKAKGQPREPQVY 360
Qy 361 TLPSPRDELTKNOVSLTCLVKGYFSPDIAVWESNGOPENNYKTTTPPVLDSDGSEFFLYSK 420
Db 361 TLPSPRDELTKNOVSLTCLVKGYFSPDIAVWESNGOPENNYKTTTPPVLDSDGSEFFLYSK 420
Qy 421 LTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 458
Db 421 LTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 458

RESULT 2
US-10-609-775-10
; Sequence 10, Application US/10609775
; Publication No. US20040014667A1
; GENERAL INFORMATION:
; APPLICANT: Thomas J. Daly
; APPLICANT: James P. Fandl
; APPLICANT: Nicholas J. Papadopoulos
; TITLE OF INVENTION: VEGF TRAPS AND THERAPEUTIC USES THEREOF
; FILE REFERENCE: REG 710D
; CURRENT APPLICATION NUMBER: US/10/609, 775
; PRIOR FILING DATE: 2003-06-30
; PRIOR APPLICATION NUMBER: 10/009, 852
; PRIOR FILING DATE: 2001-12-06
; PRIOR FILING DATE: 2000-05-23
; PRIOR FILING DATE: 1999-06-08
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 10
; LENGTH: 458
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-609-775-10

Query Match 100.0%; Score 2437; DB 15; Length 458;
Best Local Similarity 100.0%; Pred. No. 3.6e-152;
Matches 458; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy 61 PNITVTLKKFPDLTLPDGKRIIWDNRKGFIIISNATYKEIGLLTCEATVNGHLYKTNLYT 120
Db 61 PNITVTLKKFPDLTLPDGKRIIWDNRKGFIIISNATYKEIGLLTCEATVNGHLYKTNLYT 120
Qy 121 HQTNTIIDVVLSPSHGIELSVGEKLVNCTARTELNVGIDFNWEYPSSKHQHKLVNRD 180
Db 121 HQTNTIIDVVLSPSHGIELSVGEKLVNCTARTELNVGIDFNWEYPSSKHQHKLVNRD 180
Qy 181 LKTQSGEMKKFLLSTLIDGVTRSDOGLYTCASSGLMTKKNSTFVRVHEKDTHTCPPC 240
Db 181 LKTQSGEMKKFLLSTLIDGVTRSDOGLYTCASSGLMTKKNSTFVRVHEKDTHTCPPC 240
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Db 301 KPREEQNSTYRVVSVLTVLHQDLNGLKEYCKVSNKALPAPIEKTISKAKGQPREPQVY 360
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Db 361 TLPSPRDELTKNOVSLTCLVKGYFSPDIAVWESNGOPENNYKTTTPPVLDSDGSEFFLYSK 420
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Db 421 LTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 458

RESULT 3
US-10-860-958-2
; Sequence 2, Application US/10860958
; Publication No. US20040265309A1
; GENERAL INFORMATION:
; APPLICANT: Kandel, Jessica
; APPLICANT: Holash, Jocelyn
; APPLICANT: Yamashiro, Darrell
; APPLICANT: Huang, Jianzhong
; APPLICANT: Yancopoulos, George
; TITLE OF INVENTION: Method of Tumor Regression with VEGF
; FILE REFERENCE: REG 714A
; CURRENT APPLICATION NUMBER: US/10/860, 958
; PRIOR FILING DATE: 2004-06-04
; PRIOR APPLICATION NUMBER: 60/476, 425
; PRIOR FILING DATE: 2003-06-06
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 458
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-860-958-2

Query Match 100.0%; Score 2437; DB 15; Length 458;
Best Local Similarity 100.0%; Pred. No. 3.6e-152;
Matches 458; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MVSYWDTGVLLCALLSCLLLTGSSGSDTGRPPVEMYSEIPIIIMHTGRELVIPICRVTS 60
Db 1 MVSYWDTGVLLCALLSCLLLTGSSGSDTGRPPVEMYSEIPIIIMHTGRELVIPICRVTS 60
Qy 61 PNITVTLKKFPDLTLPDGKRIIWDNRKGFIIISNATYKEIGLLTCEATVNGHLYKTNLYT 120
Db 61 PNITVTLKKFPDLTLPDGKRIIWDNRKGFIIISNATYKEIGLLTCEATVNGHLYKTNLYT 120
Qy 121 HQTNTIIDVVLSPSHGIELSVGEKLVNCTARTELNVGIDFNWEYPSSKHQHKLVNRD 180
Db 121 HQTNTIIDVVLSPSHGIELSVGEKLVNCTARTELNVGIDFNWEYPSSKHQHKLVNRD 180
Qy 181 LKTQSGEMKKFLLSTLIDGVTRSDOGLYTCASSGLMTKKNSTFVRVHEKDTHTCPPC 240
Db 181 LKTQSGEMKKFLLSTLIDGVTRSDOGLYTCASSGLMTKKNSTFVRVHEKDTHTCPPC 240
Qy 241 PAPELLGGPSVFLPPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNMYVDGVEVHNAKT 300
Db 241 PAPELLGGPSVFLPPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNMYVDGVEVHNAKT 300
Qy 301 KPREEQNSTYRVVSVLTVLHQDLNGLKEYCKVSNKALPAPIEKTISKAKGQPREPQVY 360
Db 301 KPREEQNSTYRVVSVLTVLHQDLNGLKEYCKVSNKALPAPIEKTISKAKGQPREPQVY 360
Qy 361 TLPSPRDELTKNOVSLTCLVKGYFSPDIAVWESNGOPENNYKTTTPPVLDSDGSEFFLYSK 420
Db 361 TLPSPRDELTKNOVSLTCLVKGYFSPDIAVWESNGOPENNYKTTTPPVLDSDGSEFFLYSK 420
Qy 421 LTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 458
Db 421 LTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK 458
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Db 421 LTVDKSRWQGNVFCSCVMHEALHNHYTKQSLSPGK 458

RESULT 4
US-10-830-902-2
; Sequence 2, Application US/10830902
; Publication No. US2005004027A1
; GENERAL INFORMATION:
; APPLICANT: Stanley Wiegand
; APPLICANT: Jingtai Cao
; APPLICANT: Claus Cursiefen
; TITLE OF INVENTION: Method of Treating Corneal Transplant
; TITLE OF INVENTION: Rejection
; FILE REFERENCE: REG 713B
; CURRENT APPLICATION NUMBER: US/10/830,902
; CURRENT FILING DATE: 2004-04-23
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 458
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-830-902-2

Query Match 100.0%; Score 2437; DB 17; Length 458;
Best Local Similarity 100.0%; Pred. No. 3.6e-152;
Matches 458; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MVS YDGTG VLLCALLSCLLLTGSSSGSDTGRPFVEMYSEIPIIHMTEGRELVIPCRVTS 60
Db 1 MVS YDGTG VLLCALLSCLLLTGSSSGSDTGRPFVEMYSEIPIIHMTEGRELVIPCRVTS 60
QY 61 PNITVTLKKFPLD TLIPDGKRIIWD SRKGFIIISNATYKEIGLLTCEATVNGHLYKTNLYT 120
Db 61 PNITVTLKKFPLD TLIPDGKRIIWD SRKGFIIISNATYKEIGLLTCEATVNGHLYKTNLYT 120
QY 121 HRQTNTIIDVLSPSHGIELSVGEKLVNCTARTELNVGIDFNWEPSSKHQHKLVNRD 180
Db 121 HRQTNTIIDVLSPSHGIELSVGEKLVNCTARTELNVGIDFNWEPSSKHQHKLVNRD 180
QY 181 LKQTSGSEMKKFLSTLTIDGVTSDQGLYTCAASSGLMTKKNSTFVRVHEKDKTHTCPPC 240
Db 181 LKQTSGSEMKKFLSTLTIDGVTSDQGLYTCAASSGLMTKKNSTFVRVHEKDKTHTCPPC 240
QY 241 PAPELLGGPSVFLFPKPKD TLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKT 300
Db 241 PAPELLGGPSVFLFPKPKD TLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKT 300
QY 301 KPREEQYNSTYRVSVLVTLVHQDLNGKEYCKVSNKALPAPIEKTISAKAGQPREPQVY 360
Db 301 KPREEQYNSTYRVSVLVTLVHQDLNGKEYCKVSNKALPAPIEKTISAKAGQPREPQVY 360
QY 361 TLPPSRDELTKNOVSLTCLVKGFPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSK 420
Db 361 TLPPSRDELTKNOVSLTCLVKGFPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSK 420
QY 421 LTVDKSRWQGNVFCSCVMHEALHNHYTKQSLSPGK 458
Db 421 LTVDKSRWQGNVFCSCVMHEALHNHYTKQSLSPGK 458

RESULT 5
US-10-897-802-2
; Sequence 2, Application US/10897802
; Publication No. US2005003269A1
; GENERAL INFORMATION:
; APPLICANT: Jocelyn Holash
; APPLICANT: Robert Jaffe
; APPLICANT: Limin Hu
; APPLICANT: George D. Yancopoulos
; TITLE OF INVENTION: Composition of a VEGF Antagonist and an Anti-Proliferative Agent
; FILE REFERENCE: REG 715B
; CURRENT APPLICATION NUMBER: US/10/897,802
```

```
; CURRENT FILING DATE: 2004-07-23
; PRIOR APPLICATION NUMBER: 60/493,971
; PRIOR FILING DATE: 2003-08-08
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 458
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-897-802-2

Query Match 100.0%; Score 2437; DB 17; Length 458;
Best Local Similarity 100.0%; Pred. No. 3.6e-152;
Matches 458; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MVS YDGTG VLLCALLSCLLLTGSSSGSDTGRPFVEMYSEIPIIHMTEGRELVIPCRVTS 60
Db 1 MVS YDGTG VLLCALLSCLLLTGSSSGSDTGRPFVEMYSEIPIIHMTEGRELVIPCRVTS 60
QY 61 PNITVTLKKFPLD TLIPDGKRIIWD SRKGFIIISNATYKEIGLLTCEATVNGHLYKTNLYT 120
Db 61 PNITVTLKKFPLD TLIPDGKRIIWD SRKGFIIISNATYKEIGLLTCEATVNGHLYKTNLYT 120
QY 121 HRQTNTIIDVLSPSHGIELSVGEKLVNCTARTELNVGIDFNWEPSSKHQHKLVNRD 180
Db 121 HRQTNTIIDVLSPSHGIELSVGEKLVNCTARTELNVGIDFNWEPSSKHQHKLVNRD 180
QY 181 LKQTSGSEMKKFLSTLTIDGVTSDQGLYTCAASSGLMTKKNSTFVRVHEKDKTHTCPPC 240
Db 181 LKQTSGSEMKKFLSTLTIDGVTSDQGLYTCAASSGLMTKKNSTFVRVHEKDKTHTCPPC 240
QY 241 PAPELLGGPSVFLFPKPKD TLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKT 300
Db 241 PAPELLGGPSVFLFPKPKD TLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKT 300
QY 301 KPREEQYNSTYRVSVLVTLVHQDLNGKEYCKVSNKALPAPIEKTISAKAGQPREPQVY 360
Db 301 KPREEQYNSTYRVSVLVTLVHQDLNGKEYCKVSNKALPAPIEKTISAKAGQPREPQVY 360
QY 361 TLPPSRDELTKNOVSLTCLVKGFPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSK 420
Db 361 TLPPSRDELTKNOVSLTCLVKGFPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSK 420
QY 421 LTVDKSRWQGNVFCSCVMHEALHNHYTKQSLSPGK 458
Db 421 LTVDKSRWQGNVFCSCVMHEALHNHYTKQSLSPGK 458

RESULT 6
US-10-880-021-10
; Sequence 10, Application US/10880021
; Publication No. US20050043236A1
; GENERAL INFORMATION:
; APPLICANT: Daly, Thomas J.
; APPLICANT: Fandi, James P.
; APPLICANT: Papadopoulos, Nicholas J.
; TITLE OF INVENTION: VEGF Traps and Therapeutic Uses Thereof
; FILE REFERENCE: RGE 710D2
; CURRENT APPLICATION NUMBER: US/10/880,021
; CURRENT FILING DATE: 2004-06-29
; PRIOR APPLICATION NUMBER: 10/609,775
; PRIOR FILING DATE: 2003-06-30
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 10
; LENGTH: 458
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-880-021-10

Query Match 100.0%; Score 2437; DB 17; Length 458;
Best Local Similarity 100.0%; Pred. No. 3.6e-152;
Matches 458; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```


Qy 301 KPREEQNSTYRVVSVLTCLVKGFPSPDI AVEWESNGQPENNYKTTTPVLDSGSGFFLYSK 420
Db 301 KPREEQNSTYRVVSVLTCLVKGFPSPDI AVEWESNGQPENNYKTTTPVLDSGSGFFLYSK 420
Qy 361 TLPPSRDELTKNOVSLTCLVKGFPSPDI AVEWESNGQPENNYKTTTPVLDSGSGFFLYSK 420
Db 361 TLPPSRDELTKNOVSLTCLVKGFPSPDI AVEWESNGQPENNYKTTTPVLDSGSGFFLYSK 420
Qy 421 LTVDKSRWQOGNVFSCVMHEALHNHYTQKSLSPGK 458
Db 421 LTVDKSRWQOGNVFSCVMHEALHNHYTQKSLSPGK 458

RESULT 9
US-10-998-881-4
; Sequence 4, Application US/1099881
; Publication No. US20050196340A1
; GENERAL INFORMATION:
; APPLICANT: Jocelyn Holash
; APPLICANT: George Yancopoulos
; APPLICANT: Phyllis R. Wachsbarger
; APPLICANT: Adam P. Dicker
; APPLICANT: Randy Burd
; TITLE OF INVENTION: Use of a VEGF Antagonist in Combination with Radiation Therapy
; FILE REFERENCE: 716B
; CURRENT APPLICATION NUMBER: US/10/998,881
; CURRENT FILING DATE: 2004-11-29
; PRIOR APPLICATION NUMBER: 10/909,011
; PRIOR FILING DATE: 2004-07-30
; PRIOR APPLICATION NUMBER: 60/492,864
; PRIOR FILING DATE: 2003-08-06
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: Fast-SEQ for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 458
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-998-881-4

Query Match 100.0%; Score 2437; DB 18; Length 458;
Best Local Similarity 100.0%; Pred. No. 3.6e-152;
Matches 458; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MVSYWDTGVLCCALLSCLLLTGSSSGSDTGRPFVEMYSEIPIIHMTEGRELVI PCRVTS 60
Db 1 MVSYWDTGVLCCALLSCLLLTGSSSGSDTGRPFVEMYSEIPIIHMTEGRELVI PCRVTS 60
Qy 61 PNITVTLKKFPLDPLIPDGKRIIWDNRKGFIIISNATYKEIGLLTCEATVNGHLYKTNLYT 120
Db 61 PNITVTLKKFPLDPLIPDGKRIIWDNRKGFIIISNATYKEIGLLTCEATVNGHLYKTNLYT 120
Qy 121 HRTNTIIVLVSPSHGIELSVGEKLVNCTARTELNVGIDFNWEPSSKHQHKLVNRD 180
Db 121 HRTNTIIVLVSPSHGIELSVGEKLVNCTARTELNVGIDFNWEPSSKHQHKLVNRD 180
Qy 181 LKTSQSEMKKFSLTITIDGVTSDOGLYTCAASSGLMTKKNSTFVRVHEKDKHTHTCPPC 240
Db 181 LKTSQSEMKKFSLTITIDGVTSDOGLYTCAASSGLMTKKNSTFVRVHEKDKHTHTCPPC 240
Qy 241 PAPELLGGPSVFLFPPKPKDTLMI SRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKT 300
Db 241 PAPELLGGPSVFLFPPKPKDTLMI SRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKT 300
Qy 301 KPREEQNSTYRVVSVLTCLVKGFPSPDI AVEWESNGQPENNYKTTTPVLDSGSGFFLYSK 420
Db 301 KPREEQNSTYRVVSVLTCLVKGFPSPDI AVEWESNGQPENNYKTTTPVLDSGSGFFLYSK 420
Qy 361 TLPPSRDELTKNOVSLTCLVKGFPSPDI AVEWESNGQPENNYKTTTPVLDSGSGFFLYSK 420
Db 361 TLPPSRDELTKNOVSLTCLVKGFPSPDI AVEWESNGQPENNYKTTTPVLDSGSGFFLYSK 420
Qy 421 LTVDKSRWQOGNVFSCVMHEALHNHYTQKSLSPGK 458
Db 421 LTVDKSRWQOGNVFSCVMHEALHNHYTQKSLSPGK 458

Db 421 LTVDKSRWQOGNVFSCVMHEALHNHYTQKSLSPGK 458

RESULT 10
US-11-016-097-16
; Sequence 16, Application US/11016097
; Publication No. US20050163798A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas J. Papadopoulos et al.
; TITLE OF INVENTION: MODIFIED CHIMERIC POLYPEPTIDES WITH IMPROVED
; TITLE OF INVENTION: PHARMACOKINETIC PROPERTIES AND METHODS OF MAKING
; TITLE OF INVENTION: AND USING THEREOF
; FILE REFERENCE: REG 710-A-US
; CURRENT APPLICATION NUMBER: US/11/016,097
; CURRENT FILING DATE: 2004-12-17
; PRIOR APPLICATION NUMBER: US/10/009,852
; PRIOR FILING DATE: 2001-12-06
; PRIOR APPLICATION NUMBER: PCT/US00/14142
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 60/138,133
; PRIOR FILING DATE: 1999-06-08
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: Fast-SEQ for Windows Version 3.0
; SEQ ID NO 16
; LENGTH: 458
; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-016-097-16

Query Match 100.0%; Score 2437; DB 20; Length 458;
Best Local Similarity 100.0%; Pred. No. 3.6e-152;
Matches 458; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MVSYWDTGVLCCALLSCLLLTGSSSGSDTGRPFVEMYSEIPIIHMTEGRELVI PCRVTS 60
Db 1 MVSYWDTGVLCCALLSCLLLTGSSSGSDTGRPFVEMYSEIPIIHMTEGRELVI PCRVTS 60
Qy 61 PNITVTLKKFPLDPLIPDGKRIIWDNRKGFIIISNATYKEIGLLTCEATVNGHLYKTNLYT 120
Db 61 PNITVTLKKFPLDPLIPDGKRIIWDNRKGFIIISNATYKEIGLLTCEATVNGHLYKTNLYT 120
Qy 121 HRTNTIIVLVSPSHGIELSVGEKLVNCTARTELNVGIDFNWEPSSKHQHKLVNRD 180
Db 121 HRTNTIIVLVSPSHGIELSVGEKLVNCTARTELNVGIDFNWEPSSKHQHKLVNRD 180
Qy 181 LKTSQSEMKKFSLTITIDGVTSDOGLYTCAASSGLMTKKNSTFVRVHEKDKHTHTCPPC 240
Db 181 LKTSQSEMKKFSLTITIDGVTSDOGLYTCAASSGLMTKKNSTFVRVHEKDKHTHTCPPC 240
Qy 241 PAPELLGGPSVFLFPPKPKDTLMI SRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKT 300
Db 241 PAPELLGGPSVFLFPPKPKDTLMI SRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKT 300
Qy 301 KPREEQNSTYRVVSVLTCLVKGFPSPDI AVEWESNGQPENNYKTTTPVLDSGSGFFLYSK 420
Db 301 KPREEQNSTYRVVSVLTCLVKGFPSPDI AVEWESNGQPENNYKTTTPVLDSGSGFFLYSK 420
Qy 361 TLPPSRDELTKNOVSLTCLVKGFPSPDI AVEWESNGQPENNYKTTTPVLDSGSGFFLYSK 420
Db 361 TLPPSRDELTKNOVSLTCLVKGFPSPDI AVEWESNGQPENNYKTTTPVLDSGSGFFLYSK 420
Qy 421 LTVDKSRWQOGNVFSCVMHEALHNHYTQKSLSPGK 458
Db 421 LTVDKSRWQOGNVFSCVMHEALHNHYTQKSLSPGK 458

RESULT 11
US-11-039-144-2
; Sequence 2, Application US/11039144
; Publication No. US20050197291A1
; GENERAL INFORMATION:
; APPLICANT: Stanley Wiegand
; APPLICANT: Jingtai Cao

```

; APPLICANT: Claus Cursiefen
; TITLE OF INVENTION: Method of Treating Corneal Transplant
; FILE REFERENCE: 713C
; CURRENT APPLICATION NUMBER: US/11/039,144
; PRIOR FILING DATE: 2005-01-19
; PRIOR APPLICATION NUMBER: 10/830,902
; PRIOR FILING DATE: 2004-04-23
; PRIOR APPLICATION NUMBER: 60/473,734
; PRIOR FILING DATE: 2003-05-28
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 458
; TYPE: PRT
; ORGANISM: homo sapiens
US-11-039-144-2

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Query Match 100.0%; Score 2437; DB 20; Length 458;
Best Local Similarity 100.0%; Pred. No. 3.6e-152;
Matches 458; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MVSYWDTGVLICALLSCLLLTGSSSGSDTGRPFVEMYSEIPIIHMTEGRELVI PCRVTS 60
DB 1 MVSYWDTGVLICALLSCLLLTGSSSGSDTGRPFVEMYSEIPIIHMTEGRELVI PCRVTS 60

QY 61 PNITVTLKKFPLDPLIPDGKRIIWDNRKGFIIISNATYKEIGLLTCEATVNGHLYKTNLYT 120
DB 61 PNITVTLKKFPLDPLIPDGKRIIWDNRKGFIIISNATYKEIGLLTCEATVNGHLYKTNLYT 120

QY 121 HRQNTIIDVVLSPSHGIELSVGEKLVNCTARTLNVDGIDFNWEPYSSKHQHKLVNRD 180
DB 121 HRQNTIIDVVLSPSHGIELSVGEKLVNCTARTLNVDGIDFNWEPYSSKHQHKLVNRD 180

QY 181 LKTSQSGEMKFLSTLTIDGVTSDQGLYTCAASSGLMTKKNSTFVRVHEK--DKHTHC 240
DB 181 LKTSQSGEMKFLSTLTIDGVTSDQGLYTCAASSGLMTKKNSTFVRVHEKDKHTHC 240

QY 241 PAPLLGGPSVFLPPPKDPLMISRTPEVTCVVDVSHEDPEVKFNWYVDGVEVHNAKT 300
DB 241 PAPLLGGPSVFLPPPKDPLMISRTPEVTCVVDVSHEDPEVKFNWYVDGVEVHNAKT 300

QY 301 KPREEQNSTYRVVSVLTVLHQDLWNGKEYCKVSNKALPAPIEKTISKAKGQPREPQVY 360
DB 301 KPREEQNSTYRVVSVLTVLHQDLWNGKEYCKVSNKALPAPIEKTISKAKGQPREPQVY 360

QY 361 TLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTPPVLDSDGSGFFLYSK 420
DB 361 TLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTPPVLDSDGSGFFLYSK 420

QY 421 LTVDKSRWQGNVFCSCVMHEALHNHYTQKSLSLSPGK 458
DB 421 LTVDKSRWQGNVFCSCVMHEALHNHYTQKSLSLSPGK 458

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RESULT 12
US-09-773-877A-22
; Sequence 22, Application US/09773877A
; Publication No. US20030017977A1
; GENERAL INFORMATION:
; APPLICANT: Xia, Yu-Ping et al.
; TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATORY SKIN DISEASES
; FILE REFERENCE: REG 710B
; CURRENT APPLICATION NUMBER: US/09/773,877A
; CURRENT FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 22
; LENGTH: 458
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: FtlbD2.FlkId3.FcdeltaC1(a) Receptor

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US-09-773-877A-22

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Query Match 98.4%; Score 2399; DB 10; Length 458;
Best Local Similarity 98.7%; Pred. No. 1.1e-149;
Matches 455; Conservative 0; Mismatches 0; Indels 6; Gaps 2;

QY 1 MVSYWDTGVLICALLSCLLLTGSSSGSDTGRPFVEMYSEIPIIHMTEGRELVI PCRVTS 60
DB 1 MVSYWDTGVLICALLSCLLLTGSSSG--GRPFVEMYSEIPIIHMTEGRELVI PCRVTS 57

QY 61 PNITVTLKKFPLDPLIPDGKRIIWDNRKGFIIISNATYKEIGLLTCEATVNGHLYKTNLYT 120
DB 58 PNITVTLKKFPLDPLIPDGKRIIWDNRKGFIIISNATYKEIGLLTCEATVNGHLYKTNLYT 117

QY 121 HRQNTIIDVVLSPSHGIELSVGEKLVNCTARTLNVDGIDFNWEPYSSKHQHKLVNRD 180
DB 118 HRQNTIIDVVLSPSHGIELSVGEKLVNCTARTLNVDGIDFNWEPYSSKHQHKLVNRD 177

QY 181 LKTSQSGEMKFLSTLTIDGVTSDQGLYTCAASSGLMTKKNSTFVRVHEK--DKHTHC 237
DB 178 LKTSQSGEMKFLSTLTIDGVTSDQGLYTCAASSGLMTKKNSTFVRVHEKPGDKHTHC 237

QY 238 PPCAPELLGGPSVFLPPPKDPLMISRTPEVTCVVDVSHEDPEVKFNWYVDGVEVH 297
DB 238 PPCAPELLGGPSVFLPPPKDPLMISRTPEVTCVVDVSHEDPEVKFNWYVDGVEVH 297

QY 298 AKTKPREQNSTYRVVSVLTVLHQDLWNGKEYCKVSNKALPAPIEKTISKAKGQPREP 357
DB 298 AKTKPREQNSTYRVVSVLTVLHQDLWNGKEYCKVSNKALPAPIEKTISKAKGQPREP 357

QY 358 QYTLTPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTPPVLDSDGSGFF 417
DB 358 QYTLTPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTPPVLDSDGSGFF 417

QY 418 YSKLTVDKSRWQGNVFCSCVMHEALHNHYTQKSLSLSPGK 458
DB 418 YSKLTVDKSRWQGNVFCSCVMHEALHNHYTQKSLSLSPGK 458

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RESULT 13
US-10-609-775-8
; Sequence 8, Application US/10609775
; Publication No. US20040014667A1
; GENERAL INFORMATION:
; APPLICANT: Thomas J. Daly
; APPLICANT: Nicholas J. Papadopoulos
; TITLE OF INVENTION: VEGF TRAPS AND THERAPEUTIC USES THEREOF
; FILE REFERENCE: REG 710D
; CURRENT APPLICATION NUMBER: US/10/609,775
; PRIOR FILING DATE: 2003-06-30
; PRIOR APPLICATION NUMBER: 10/009,852
; PRIOR FILING DATE: 2001-12-06
; PRIOR APPLICATION NUMBER: PCT/US00/14142
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 60/138,133
; PRIOR FILING DATE: 1999-06-08
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 458
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-609-775-8

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Query Match 98.4%; Score 2399; DB 15; Length 458;
Best Local Similarity 98.7%; Pred. No. 1.1e-149;
Matches 455; Conservative 0; Mismatches 0; Indels 6; Gaps 2;

QY 1 MVSYWDTGVLICALLSCLLLTGSSSGSDTGRPFVEMYSEIPIIHMTEGRELVI PCRVTS 60
DB 1 MVSYWDTGVLICALLSCLLLTGSSSG--GRPFVEMYSEIPIIHMTEGRELVI PCRVTS 57

```


QY 61 PNITVTLKKFPLDITLIPDGKRIIWDNRKGFIIISNATYKEIGLLTCEATVNGHLYKTNLYT 120
Db 58 PNITVTLKKFPLDITLIPDGKRIIWDNRKGFIIISNATYKEIGLLTCEATVNGHLYKTNLYT 117
QY 121 HRQTNTIIDVVLSPSHGIELSVGEKLVNCTARTELNVGIDFNWEPSSKHQKHLVNRD 180
Db 118 HRQTNTIIDVVLSPSHGIELSVGEKLVNCTARTELNVGIDFNWEPSSKHQKHLVNRD 177
QY 181 LKQTSGSEMKKFLSTLTIDGVTSDQGLYTCAASSGLMTKKNSTFVRVHEK---DKTHTC 237
Db 178 LKQTSGSEMKKFLSTLTIDGVTSDQGLYTCAASSGLMTKKNSTFVRVHEKGPDKTHTC 237
QY 238 PPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHN 297
Db 238 PPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHN 297
QY 298 AKTKPREQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREP 357
Db 298 AKTKPREQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREP 357
QY 358 QVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDGSFPL 417
Db 358 QVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDGSFPL 417
QY 418 YSKLTVDKSRWQOGNVFSCSVMEALHNHYTQKSLSLSPGK 458
Db 418 YSKLTVDKSRWQOGNVFSCSVMEALHNHYTQKSLSLSPGK 458

RESULT 14

US-10-880-021-8
; Sequence 8, Application US/10880021
; Publication No. US20050043236A1
; GENERAL INFORMATION:
; APPLICANT: Daly, James J.
; APPLICANT: Fandl, James P.
; APPLICANT: Papadopoulos, Nicholas J.
; TITLE OF INVENTION: VEGF Traps and Therapeutic Uses Thereof
; FILE REFERENCE: RGE 710D2
; CURRENT APPLICATION NUMBER: US/10/880,021
; CURRENT FILING DATE: 2004-06-29
; PRIOR APPLICATION NUMBER: 10/609,775
; PRIOR FILING DATE: 2003-06-30
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 458
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-880-021-8

Query Match 98.4%; Score 2399; DB 17; Length 458;
Best Local Similarity 98.7%; Pred. No. 1.1e-149;
Matches 455; Conservative 0; Mismatches 0; Indels 6; Gaps 2;

QY 1 MVSYWDTGVLCCALLSCLLLTGSSGSDTGRPFVEMYSEIPEIHMTEGRELVI PCRVTS 60
Db 1 MVSYWDTGVLCCALLSCLLLTGSSSG---GRPFVEMYSEIPEIHMTEGRELVI PCRVTS 57
QY 61 PNITVTLKKFPLDITLIPDGKRIIWDNRKGFIIISNATYKEIGLLTCEATVNGHLYKTNLYT 120
Db 58 PNITVTLKKFPLDITLIPDGKRIIWDNRKGFIIISNATYKEIGLLTCEATVNGHLYKTNLYT 117
QY 121 HRQTNTIIDVVLSPSHGIELSVGEKLVNCTARTELNVGIDFNWEPSSKHQKHLVNRD 180
Db 118 HRQTNTIIDVVLSPSHGIELSVGEKLVNCTARTELNVGIDFNWEPSSKHQKHLVNRD 177
QY 181 LKQTSGSEMKKFLSTLTIDGVTSDQGLYTCAASSGLMTKKNSTFVRVHEK---DKTHTC 237
Db 178 LKQTSGSEMKKFLSTLTIDGVTSDQGLYTCAASSGLMTKKNSTFVRVHEKGPDKTHTC 237
QY 238 PPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHN 297

Db 238 PPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHN 297
QY 298 AKTKPREQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREP 357
Db 298 AKTKPREQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREP 357
QY 358 QVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDGSFPL 417
Db 358 QVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDGSFPL 417
QY 418 YSKLTVDKSRWQOGNVFSCSVMEALHNHYTQKSLSLSPGK 458
Db 418 YSKLTVDKSRWQOGNVFSCSVMEALHNHYTQKSLSLSPGK 458

RESULT 15
US-10-909-011-2
; Sequence 2, Application US/10909011
; Publication No. US20050112061A1
; GENERAL INFORMATION:
; APPLICANT: Jocelyn Holash
; APPLICANT: George Yancopoulos
; APPLICANT: Phyllis R. Wachsbarger
; APPLICANT: Adam P. Dicker
; APPLICANT: Randy Burd
; TITLE OF INVENTION: Use of a VEGF Antagonist in Combination with Radiation Therapy
; FILE REFERENCE: REG 716A
; CURRENT APPLICATION NUMBER: US/10/909,011
; CURRENT FILING DATE: 2004-07-30
; PRIOR APPLICATION NUMBER: 60/492,864
; PRIOR FILING DATE: 2003-08-06
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 458
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-909-011-2

Query Match 98.4%; Score 2399; DB 17; Length 458;
Best Local Similarity 98.7%; Pred. No. 1.1e-149;
Matches 455; Conservative 0; Mismatches 0; Indels 6; Gaps 2;

QY 1 MVSYWDTGVLCCALLSCLLLTGSSGSDTGRPFVEMYSEIPEIHMTEGRELVI PCRVTS 60
Db 1 MVSYWDTGVLCCALLSCLLLTGSSSG---GRPFVEMYSEIPEIHMTEGRELVI PCRVTS 57
QY 61 PNITVTLKKFPLDITLIPDGKRIIWDNRKGFIIISNATYKEIGLLTCEATVNGHLYKTNLYT 120
Db 58 PNITVTLKKFPLDITLIPDGKRIIWDNRKGFIIISNATYKEIGLLTCEATVNGHLYKTNLYT 117
QY 121 HRQTNTIIDVVLSPSHGIELSVGEKLVNCTARTELNVGIDFNWEPSSKHQKHLVNRD 180
Db 118 HRQTNTIIDVVLSPSHGIELSVGEKLVNCTARTELNVGIDFNWEPSSKHQKHLVNRD 177
QY 181 LKQTSGSEMKKFLSTLTIDGVTSDQGLYTCAASSGLMTKKNSTFVRVHEK---DKTHTC 237
Db 178 LKQTSGSEMKKFLSTLTIDGVTSDQGLYTCAASSGLMTKKNSTFVRVHEKGPDKTHTC 237
QY 238 PPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHN 297
Db 238 PPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHN 297
QY 298 AKTKPREQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREP 357
Db 298 AKTKPREQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREP 357
QY 358 QVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDGSFPL 417
Db 358 QVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDGSFPL 417
QY 418 YSKLTVDKSRWQOGNVFSCSVMEALHNHYTQKSLSLSPGK 458

Db 418 YSKLTVDKSRWQQGNVFCSCVMHEALHNHYTQKSLSLSPGK 458

Search completed: November 2, 2005, 21:16:38
Job time : 172 secs